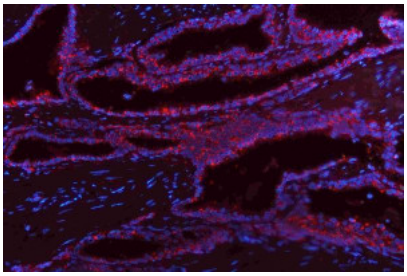
VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody [clone ADB-22] (RQ5490)

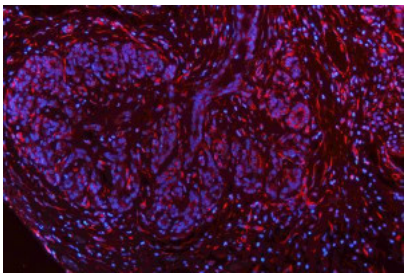
Catalog No.	Formulation	Size
RQ5490	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

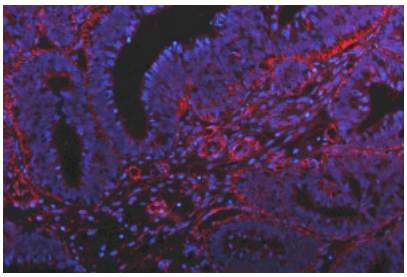
Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ADB-22
Purity	Affinity purified
UniProt	P15692
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1:50-1:200 Immunofluorescence: 1:50-1:200
Limitations	This VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody is available for research use only.



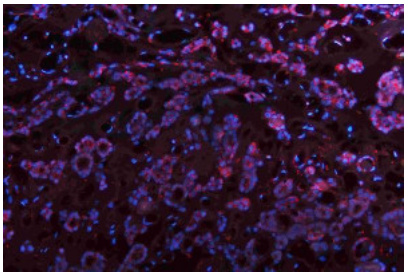
VEGFA Antibody Human Prostate Cancer IF. Immunofluorescent staining of FFPE human prostate cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within prostate cancer tissue, supporting studies of tumor angiogenesis, vascular remodeling, hypoxia-regulated signaling, and VEGF activity within the cancer microenvironment.



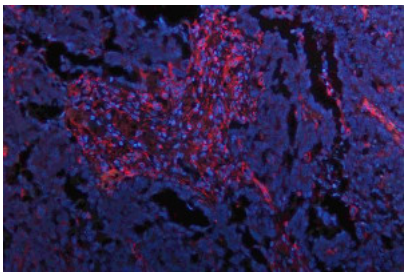
VEGFA Antibody Human Pancreatic Cancer IF. Immunofluorescent staining of FFPE human pancreatic cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within pancreatic cancer tissue, supporting studies of tumor angiogenesis, stromal remodeling, hypoxia-associated signaling, and VEGF-mediated regulation of the tumor microenvironment.



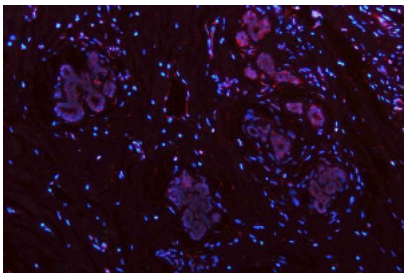
VEGFA Antibody Human Endometrial Cancer IF. Immunofluorescent staining of FFPE human endometrial cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within endometrial tumor tissue, supporting studies of angiogenesis, tumor-associated vascular remodeling, and VEGF-mediated signaling in the cancer microenvironment.



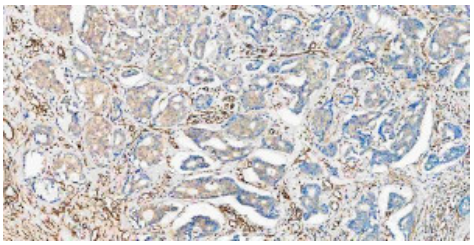
VEGFA Antibody Human Thyroid Cancer IF. Immunofluorescent staining of FFPE human thyroid cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within thyroid cancer tissue, supporting studies of tumor angiogenesis, vascular remodeling, hypoxia-associated signaling, and VEGF-mediated regulation of the tumor microenvironment.



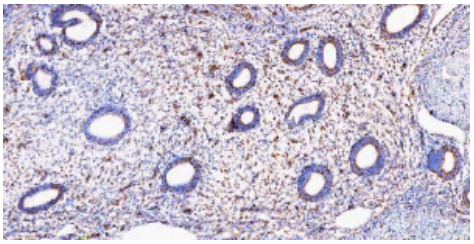
VEGFA Antibody Human Ovarian Cancer IF. Immunofluorescent staining of FFPE human ovarian cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within ovarian cancer tissue, supporting studies of tumor angiogenesis, hypoxia-associated signaling, vascular remodeling, and cancer microenvironment regulation.



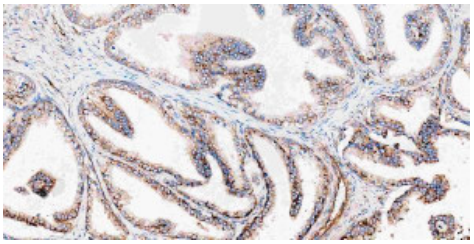
VEGFA Antibody Human Breast Cancer IF. Immunofluorescent staining of FFPE human breast cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. DyLight 594-conjugated goat anti-rabbit IgG (red) was used for detection, and nuclei were counterstained with DAPI (blue). This VEGFA Antibody demonstrates VEGFA expression within breast cancer tissue, supporting studies of tumor angiogenesis, vascular signaling, and cancer microenvironment biology.



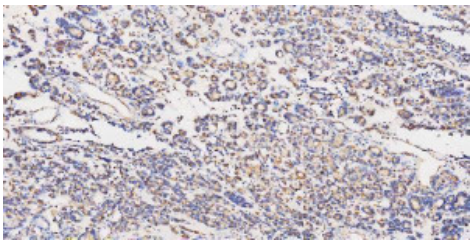
VEGFA Antibody Human Breast Cancer IHC. Immunohistochemical staining of FFPE human breast cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in breast tumor cells and vascular-associated stromal regions, supporting studies of tumor angiogenesis, endothelial signaling, vascular remodeling, and VEGF-driven cancer biology.



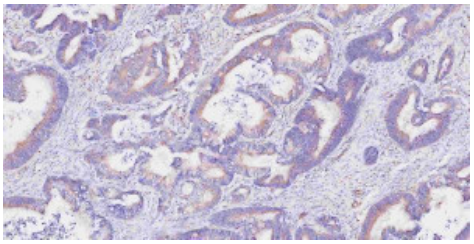
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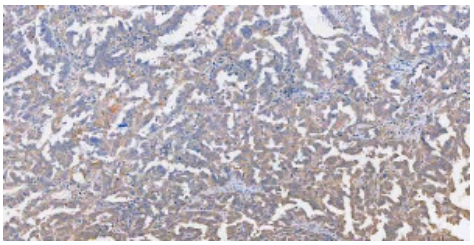
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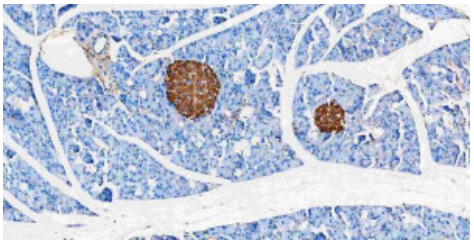
VEGFA Antibody Human Thyroid Cancer IHC. Immunohistochemical staining of FFPE human thyroid cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in thyroid tumor cells and stromal-associated regions, supporting studies of angiogenesis, vascular remodeling, endothelial signaling, and VEGF-mediated regulation of the tumor microenvironment.



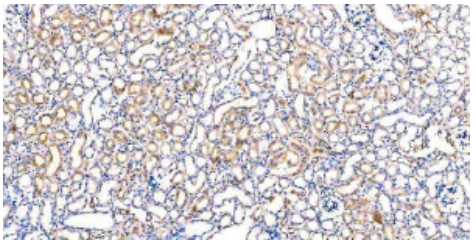
VEGFA Antibody Human Colon Cancer IHC. Immunohistochemical staining of FFPE human colon cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in colon tumor cells and surrounding stromal regions, supporting studies of tumor angiogenesis, vascular remodeling, endothelial cell signaling, and VEGF-mediated cancer progression pathways.



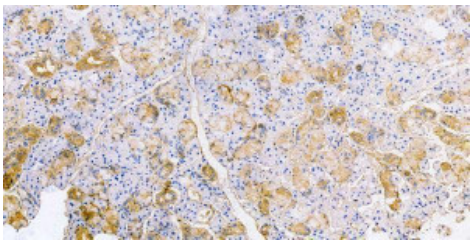
VEGFA Antibody Human Ovarian Cancer IHC. Immunohistochemical staining of FFPE human ovarian cancer tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in ovarian tumor cells and stromal-associated regions, supporting studies of tumor angiogenesis, endothelial cell signaling, vascular remodeling, and VEGF-mediated regulation of the tumor microenvironment.



VEGFA Antibody Mouse Pancreas IHC. Immunohistochemical staining of FFPE mouse pancreas tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in pancreatic islet regions, supporting studies of angiogenesis, endocrine tissue vascularization, endothelial signaling, and VEGF-mediated regulation of tissue homeostasis.



VEGFA Antibody Mouse Kidney IHC. Immunohistochemical staining of FFPE mouse kidney tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in renal tubular structures, supporting studies of kidney vascular biology, endothelial signaling, angiogenesis regulation, and VEGF-mediated tissue homeostasis.



VEGFA Antibody Rat Thyroid IHC. Immunohistochemical staining of FFPE rat thyroid tissue using VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody. HIER was performed using pH 8 EDTA buffer, and sections were blocked with goat serum prior to staining. The tissue was incubated with recombinant rabbit anti-VEGFA antibody (clone ADB-22) at 25 ug/ml overnight at 4Â°C. An HRP-conjugated goat anti-rabbit IgG secondary antibody with DAB substrate was used for detection. This VEGFA Antibody demonstrates VEGFA expression in thyroid follicular structures, supporting studies of endocrine tissue vascularization, angiogenesis regulation, endothelial signaling, and VEGF-mediated tissue homeostasis.

Description

VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody recognizes vascular endothelial growth factor A (VEGFA), a secreted signaling molecule that serves as a primary regulator of angiogenesis, endothelial cell function, and vascular remodeling. VEGFA binds VEGF receptors, particularly VEGFR1 and VEGFR2, activating downstream pathways that promote endothelial cell proliferation, migration, survival, and vascular permeability. These biological functions make VEGFA essential for blood vessel development, tissue repair, and adaptive responses to changing oxygen availability. VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody is widely used to study angiogenic signaling, vascular biology, and VEGF-mediated cellular responses.

VEGFA is one of the most important growth factors involved in tumor-associated angiogenesis. Under hypoxic conditions, activation of HIF-regulated pathways increases VEGFA production, allowing tumors to stimulate new blood vessel formation and modify the surrounding microenvironment. Elevated VEGFA expression has been associated with tumor vascularization, cancer progression, metastasis, and angiogenesis-dependent growth. Detection of VEGFA expression by

immunohistochemistry and immunofluorescence provides valuable information for researchers investigating tumor biology, endothelial signaling, and mechanisms controlling vascular development.

This recombinant rabbit monoclonal VEGFA Antibody (clone ADB-22) combines the specificity advantages of monoclonal antibody technology with the reproducibility and long-term consistency provided by recombinant antibody production. Recombinant antibodies are generated from defined antibody sequences, helping reduce lot-to-lot variability while supporting consistent performance across research applications. Clone ADB-22 has been extensively validated using immunohistochemistry and immunofluorescence analysis, making it a useful tool for examining VEGFA expression patterns in cells and tissues.

For additional information about VEGF biology, validated applications, and related products, learn more about our VEGF Antibody, an Angiogenesis Growth Factor Antibody for investigating endothelial signaling, tumor angiogenesis, vascular remodeling, and VEGF-mediated growth factor pathways.

Application Notes

Optimal dilution of the VEGFA Antibody / Recombinant Rabbit Monoclonal Antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human VEGFA / Vascular Endothelial Growth Factor A was used as the immunogen for the VEGFA antibody.

Storage

Store the VEGFA antibody at -20oC.

Alternate Names

VEGF Antibody, Vascular Endothelial Growth Factor Antibody, VEGF-A Antibody, Vascular Permeability Factor Antibody, VPF Antibody, Recombinant VEGFA Antibody

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