

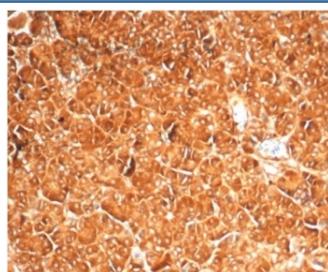
Recombinant Vinculin Antibody [clone VCL/7091R] (V9615)

Catalog No.	Formulation	Size
V9615-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9615-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9615SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

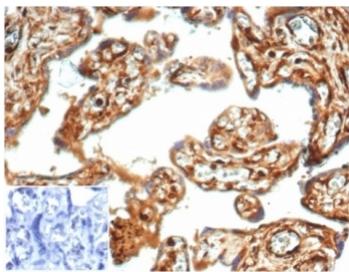
Recombinant **RABBIT MONOCLONAL**

Bulk quote request

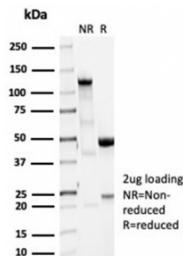
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	VCL/7091R
Purity	Protein A/G affinity
UniProt	P18206
Localization	Cytoplasm
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Vinculin antibody is available for research use only.



IHC staining of FFPE human pancreas with recombinant Vinculin antibody (clone VCL/7091R) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placental tissue with recombinant Vinculin antibody (clone VCL/7091R) at 2ug/ml. Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Vinculin antibody (clone VCL/7091R) as confirmation of integrity and purity.

Description

Focal adhesions are identified as areas within the plasma membrane of tissue culture cells that adhere tightly to the underlying substrate. *In vivo*, these regions are involved in the adhesion of cells to the extracellular matrix. Paxillin and vinculin are cytoskeletal, focal adhesion proteins that are components of a protein complex which links the Actin network to the plasma membrane. Vinculin binding sites have been identified on other cytoskeletal proteins, including Talin and β -Actinin has been shown to link Actin to integrins in the plasma membrane through interactions with the vinculin and Talin complex or by a direct interaction with integrin.

Application Notes

Optimal dilution of the recombinant Vinculin antibody should be determined by the researcher.

Immunogen

A portion of amino acids 174-322 was used as the immunogen for the recombinant Vinculin antibody.

Storage

Aliquot the recombinant Vinculin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.