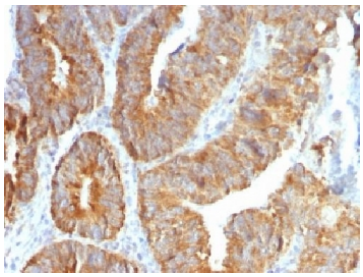
TL1A Antibody Mouse Monoclonal / TNFSF15 / VEGI [clone VEGI/1283] (V3348)

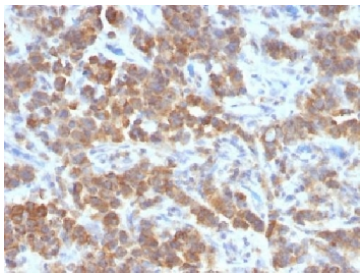
Catalog No.	Formulation	Size
V3348-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3348-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3348SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

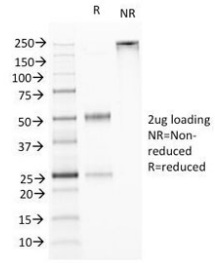
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	VEGI/1283
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	O95150
Gene ID	9966
RRID	AB_3754903
Localization	Cytoplasmic, cell surface, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This TL1A antibody is available for research use only.



TL1A Antibody Mouse Monoclonal Colon Carcinoma IHC. Immunohistochemistry of TL1A antibody in human colon carcinoma tissue. FFPE human colon carcinoma demonstrates strong membranous and cytoplasmic HRP-DAB brown staining within gland-forming tumor epithelial cells, consistent with VEGI / TNFSF15 localization in epithelial and vascular-associated compartments. Clone VEGI/1283 was used as a mouse monoclonal antibody for detection. Heat-induced epitope retrieval was performed by boiling sections in 10 mM Tris with 1 mM EDTA, pH 9, for 10-20 minutes followed by cooling at room temperature for 20 minutes prior to staining.



TL1A Antibody Mouse Monoclonal Parathyroid Mass Immunohistochemistry. IHC testing of FFPE human parathyroid mass with TL1A antibody (clone VEGI/1283). Required HIER: boil sections in 10mM Tris with 1mM EDTA, pH9, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE Analysis of Purified, BSA-Free TL1A Antibody (clone VEGI/1283). Confirmation of Integrity and Purity of the Antibody.

Description

TL1A antibody recognizes Tumor necrosis factor ligand superfamily member 15, also known as VEGI and encoded by the TNFSF15 gene. TL1A is a type II transmembrane cytokine belonging to the tumor necrosis factor ligand superfamily and is expressed primarily by endothelial cells, dendritic cells, and activated immune cell populations. TL1A Antibody Mouse Monoclonal is developed to detect endogenous VEGI in research applications focused on inflammatory signaling and angiogenic regulation.

TL1A functions as a ligand for death receptor 3, also known as TNFRSF25, initiating signaling pathways that regulate T cell activation, cytokine production, and apoptosis-related mechanisms. Through its interaction with TNFRSF25, TNFSF15 plays a central role in modulating adaptive immune responses, particularly in T helper cell differentiation and effector function. In addition to immune regulation, VEGI exerts anti-angiogenic effects by inhibiting endothelial cell proliferation and influencing vascular remodeling.

The TNFSF15 gene is located on chromosome 9q32 and produces a membrane-bound protein that can be cleaved to generate a soluble cytokine form. TL1A expression has been documented in vascular endothelium and inflamed tissues, and dysregulated TNFSF15 signaling has been associated with inflammatory bowel disease, autoimmune conditions, and tumor-associated vascular changes. In oncologic research, VEGI has been investigated for its ability to suppress tumor angiogenesis by limiting vascular support within the tumor microenvironment.

Because TL1A bridges vascular biology and immune activation, it remains an important target in studies examining endothelial-immune interactions and cytokine-driven inflammation. Altered expression of TNFSF15 may influence chronic inflammatory states and immune-mediated tissue injury across multiple organ systems.

Clone VEGI/1283 is a mouse monoclonal antibody that recognizes TL1A and supports studies of TNFSF15-mediated signaling, immune regulation, and VEGI-associated angiogenic pathways.

For additional TL1A / TNFSF15 / VEGI research antibodies targeting inflammatory cytokine signaling and TNF superfamily immune pathways, explore the broader TL1A Antibody page featuring recombinant rabbit monoclonal clone rVEGI/1283.

Application Notes

Titration of the TL1A antibody may be required for optimal performance.

Immunogen

A full length human recombinant protein was used as the immunogen for this TL1A antibody.

Storage

Store the TL1A antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (3)

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