

Product Datasheet

TNFSF15 Antibody / VEGI / TL1A (orb2640137)

Catalog Number	orb2640137
Category	Antibodies
Description	TNF ligand-related molecule 1 is an anti-angiogenic cytokine that is also called Tumor necrosis factor superfamily, member 15 (TNFSF15) and Vascular endothelial growth inhibitor (VEGI/VEGI192A). This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. Reduced expression of TL1A has been reported as a marker of poor prognosis in breast cancer.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide
Purity	Protein G affinity chromatography
Immunogen	A full length human recombinant protein was used as the immunogen for this TL1A antibody.
UniProt ID	O95150

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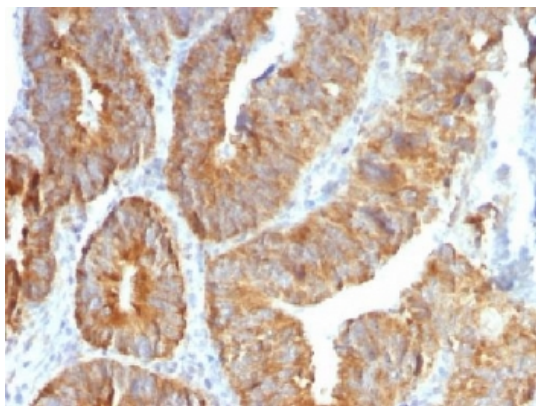
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Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application notes	Titration of the TL1A antibody may be required for optimal performance.
Antibody Type	Primary Antibody
Clone Number	VEGI/1283
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Hazard Information	This TL1A antibody is available for research use only.
Note	For research use only
Entrez	9966



IHC testing of FFPE human colon carcinoma 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.

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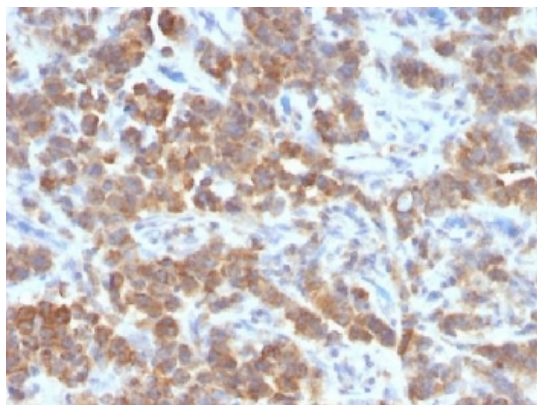
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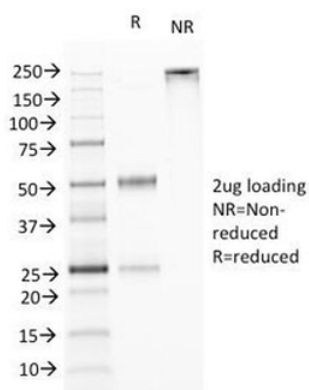
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IHC testing of FFPE human parathyroid mass with TL1A antibody (clone VEGI/1283). Required HIER: boil sections in 10mM Tris with 1mM EDTA, pH9, for 10-20 min followed by cooling at RT for 20 min.



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

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