

TNFS15 / VEGI (Vascular Endothelial Growth Inhibitor) Antibody

Mouse Monoclonal Antibody [Clone VEGI/13117]

Catalog No	Format	Size
9966-MSM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
9966-MSM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
9966-MSM7-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

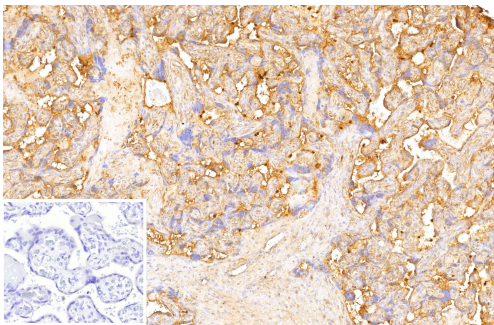
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

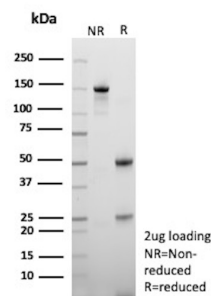
Clone	VEGI/13117
Gene Name	TNFSF15
Immunogen	Recombinant fragment (around aa100-251) of human VEGI protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	22kDa
Cellular Localization	Membrane, Secreted
Species Reactivity	Human
Positive Control	Endothelial cells. Monocytes. Human placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen or prostate.

*Optimal dilution for a specific application should be determined.

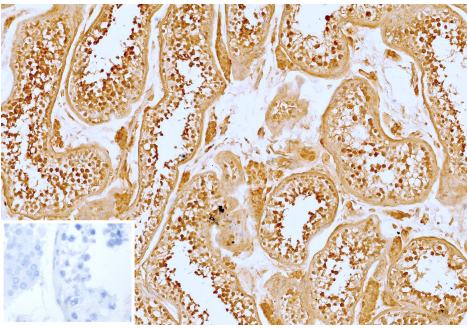
Product Images for TNFS15 / VEGI (Vascular Endothelial Growth Inhibitor) Antibody



Formalin-fixed, paraffin-embedded human placenta stained with VEGI Mouse Monoclonal Antibody (VEGI/13117). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis of Purified VEGI Mouse Monoclonal Antibody (VEGI/13117). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human testis stained with VEG1 Mouse Monoclonal Antibody (VEGI/13117). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

VEGI is an anti-angiogenic cytokine that belongs to tumor necrosis factor superfamily, member 15 (TNFSF15). 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 VEGI has been reported as a marker of poor prognosis in breast cancer.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cytokine Signaling, Immuno Oncology, Immunology
