Recombinant TNFS15 / VEGI (Vascular Endothelial Growth Inhibitor) Antibody

Mouse Monoclonal Antibody [Clone rVEGI/1283]

Catalog No	Format	Size
9966-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
9966-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
9966-MSM3-P1ABX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

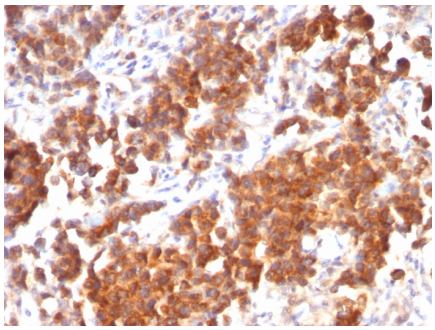
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

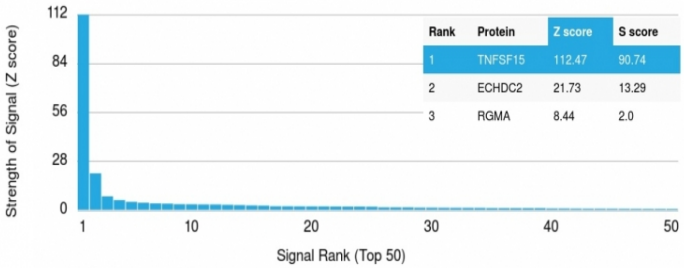
Clone	rVEGI/1283
Gene Name	TNFSF15
Immunogen	Recombinant human full-length VEGI protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	22kDa
Cellular Localization	Membrane, Secreted
Species Reactivity	Human
Positive Control	Endothelial cells. Colon, intestine, Kidney, Liver, Lung, Pancreas, Placenta, spleen or prostate.

**Optimal dilution for a specific application should be determined.*

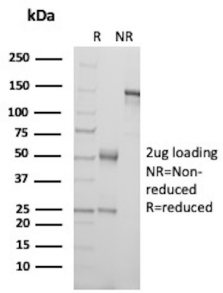
Product Images for Recombinant TNFS15 / VEGI (Vascular Endothelial Growth Inhibitor) Antibody



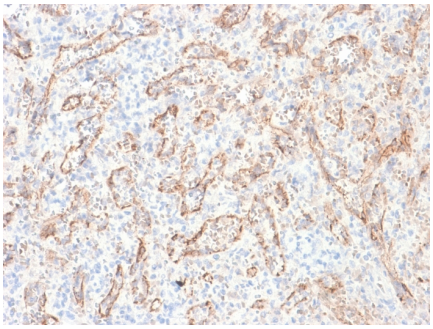
Formalin-fixed, paraffin-embedded human Parathyroid Mass stained with VEGI Mouse Recombinant Monoclonal Antibody (rVEGI /1283).



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing TNFS15 / VEGI Recombinant Mouse Monoclonal Antibody (rVEGI/1283). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis of Purified Tumor necrosis factor ligand superfamily member 15 Recombinant Mouse Monoclonal Antibody (rVEGI/1283). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Spleen stained with VEGI Mouse Recombinant Monoclonal Antibody (rVEGI /1283).

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.

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

Cardiovascular, Cytokine Signaling, Immuno Oncology, Immunology

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.