

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody
Mouse Monoclonal Antibody
Catalog # AH13652**Specification**

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Product Information

Application	WB, IHC-P, IF, FC
Primary Accession	O95150
Other Accession	241382
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	28087

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Additional Information**Gene ID** 9966**Other Names**

TNF ligand-related molecule 1 (TL1A); Tumor necrosis factor (ligand) superfamily member 15 (TNFSF15); Vascular endothelial growth inhibitor 192a; Vascular endothelial growth inhibitor (VEGI); VEGI192A

Application Note

WB~~1:1000
IHC-P~~N/A
IF~~1:50~200
FC~~1:10~50

Format

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

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Protein Information**Name** TNFSF15**Synonyms** TL1, VEGI**Function**

Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular

endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis.

Cellular Location

Membrane; Single-pass type II membrane protein

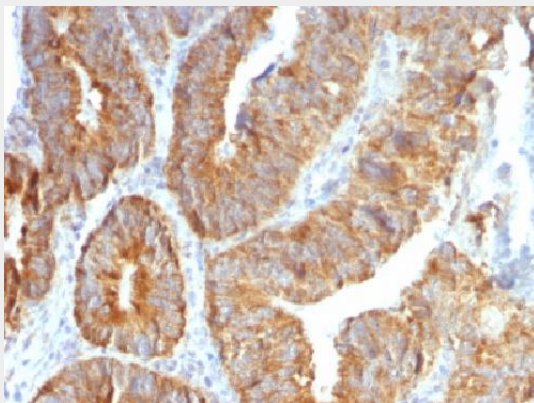
Tissue Location

Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon

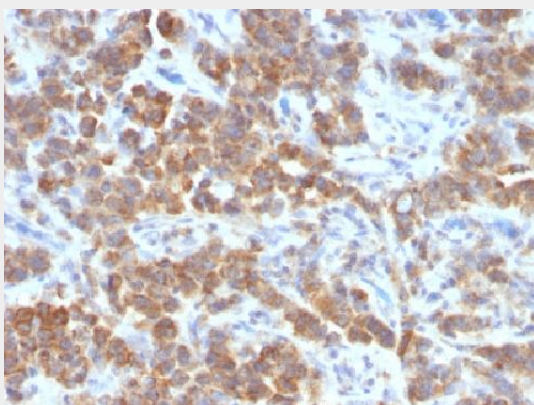
Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Images

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with VEGI Monoclonal Antibody (VEGI /1283).



Formalin-fixed, paraffin-embedded human Parathyroid Mass stained with VEGI Monoclonal

Antibody (VEGI /1283).

Anti-VEGI (Vascular Endothelial Growth Inhibitor) Antibody - Background

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.