

## Anti-VEGI (Vascular Endothelial Growth Inhibitor) TNFSF15 Monoclonal Antibody

Catalog Number: M02402-1

### About TNFSF15

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.

### Overview

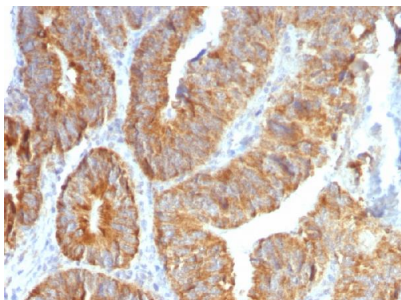
Product Name	Anti-VEGI (Vascular Endothelial Growth Inhibitor) TNFSF15 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-VEGI (Vascular Endothelial Growth Inhibitor) TNFSF15 Monoclonal Antibody (Catalog # M02402-1). Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Monoclonal Clone: VEGI/1283
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	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.
Host	Mouse
Uniprot ID	O95150

### Technical Details

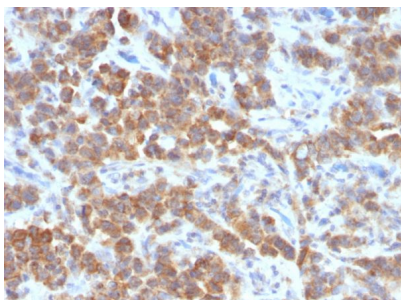
Immunogen	Recombinant human VEGI fragment
Predicted Reactive Species	Chimpanzee, Hamster
Cross Reactivity	Detects ~52kDa. Heavy chain migrates close to FKBP52 on SDS PAGE.
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml

Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes 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&amp;degC followed by cooling at RT for 20 minutes)</p> <p>Optimal dilution for a specific application should be determined.</p>

## Anti-VEGI (Vascular Endothelial Growth Inhibitor) TNFSF15 Monoclonal Antibody (M02402-1) Images



Formalin-fixed, paraffin-embedded human colon carcinoma stained with Anti-VEGI Monoclonal Antibody (VEGI /1283).



Formalin-fixed, paraffin-embedded human Parathyroid Mass stained with Anti-TNFSF15 / VEGI Monoclonal Antibody (VEGI /1283).

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