

## 36-3672: Anti-TNFS15 / VEGI (Vascular Endothelial Growth Inhibitor) Monoclonal Antibody(Clone: VEGI/1283)

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal   |
| <b>Clone Name :</b>            | VEGI/1283  |
| <b>Application :</b>           | IHC  |
| <b>Reactivity :</b>            | Human  |
| <b>Gene :</b>                  | TNFSF15  |
| <b>Gene ID :</b>               | 9966   |
| <b>Uniprot ID :</b>            | O95150   |
| <b>Alternative Name :</b>      | 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 |
| <b>Isotype :</b>               | Mouse IgG1, kappa  |
| <b>Immunogen Information :</b> | Recombinant human VEGI fragment  |

### Description

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.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg / 100 µg  |
| <b>Content :</b>           | 200 µg/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. |
| <b>Storage condition :</b> | 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.                               |

### Application Note

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°C followed by cooling at RT for 20 minutes);

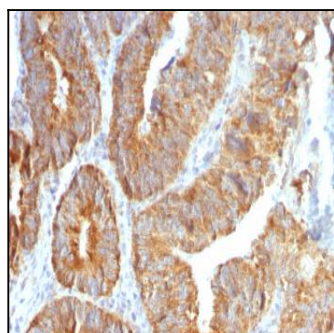


Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with TNFS15 / VEGI Monoclonal Antibody (VEGI /1283).

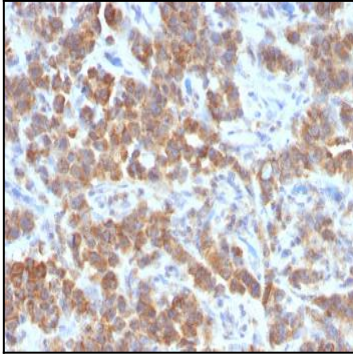


Fig. 2: Formalin-fixed, paraffin-embedded human Parathyroid Mass stained with TNFS15 / VEGI Monoclonal Antibody (VEGI /1283).

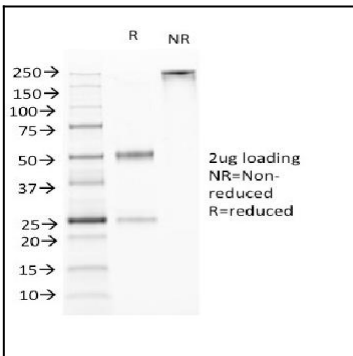


Fig. 3: SDS-PAGE Analysis Purified TNFS15 / VEGI Monoclonal Antibody (VEGI /1283). Confirmation of Purity and Integrity of Antibody