9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

Clonality :	Monoclonal
Clone Name :	VEGI/1283
Application :	IHC
Reactivity :	Human
Gene :	TNFSF15
Gene ID :	9966
Uniprot ID :	O95150
Alternative Name :	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
Isotype :	Mouse IgG1, kappa
Immunogen Information :	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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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&degC followed by cooling at RT for 20 minutes);

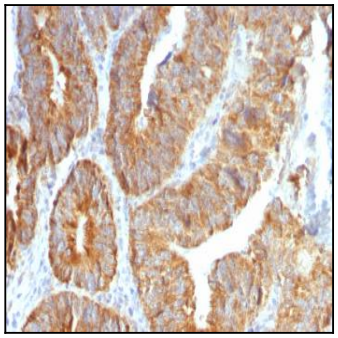

Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with TNFS15 / VEGI Monoclonal Antibody (VEGI /1283).

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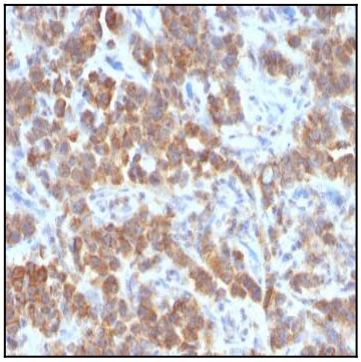

Fig. 2: Formalin-fixed, paraffin-embedded human Parathyroid Mass stained with TNFS15 / VEGI Monoclonal Antibody (VEGI /1283).

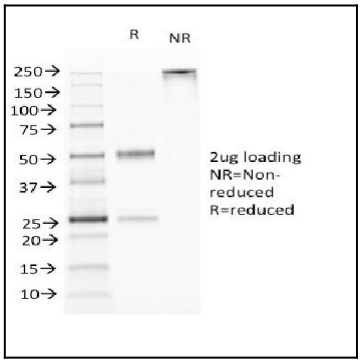

Fig. 3: SDS-PAGE Analysis Purified TNFS15 / VEGI Monoclonal Antibody (VEGI /1283). Confirmation of Purity and Integrity of Antibody

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