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36-1797: Monoclonal Antibody to VEGF (Vascular Endothelial Growth Factor)(Clone : VEGF/1063)

Clonality :	Monoclonal
Clone Name :	VEGF/1063
Application :	IHC
Reactivity :	Human, Mouse, Rat
Gene :	VEGFA
Gene ID :	7422
Uniprot ID :	P15692
Format :	Purified
Alternative Name :	VEGFA,VEGF
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Human VEGF189 recombinant protein

Description

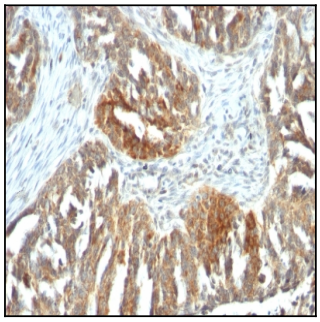
This MAb recognizes proteins of 19-22kDa (reducing) and 38kDa-44kDa (non-reducing), identified as various isoforms of Vascular Endothelial Growth Factor or Vascular Permeability Factor (VEGF/VPF). It is highly specific to VEGF, which is a homodimeric, disulfide-linked glycoprotein with a close homology to platelet derived growth factor (PDGF). There are multiple isoforms of VEGF containing 206-, 189-, 165-, and 121-amino acid residues. The smaller two isoforms, VEGF165 and VEGF121, are secreted proteins and act as diffusible agents, whereas the larger two remain cell associated. VEGF/VPF plays an important role in angiogenesis, which promotes tumor progression and metastasis.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (4-8ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA buffer, pH 8.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with VEGF Monoclonal Antibody (VEGF/1063).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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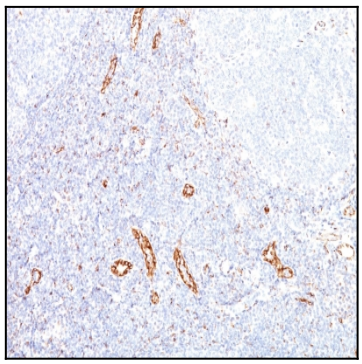

Formalin-fixed, paraffin-embedded human Tonsil stained with VEGF Monoclonal Antibody (VEGF/1063).

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