

Monoclonal Mouse Antibody to Human Vascular Endothelial Growth Factor (VEGF)

Catalog No.:	Mob 308, Mob 308-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with a recombinant VEGF protein.
Clone:	VG1
Isotype:	IgG1, kappa
Format:	This antibody is supplied as ascites fluid purified by Protein A chromatography, containing sodium azide as a preservative.
Titer/Working Dilution:	NOTE: Improved Titer. This antibody may be diluted to a titer of 1:20-1:40 with Polymer Detection systems such as our UnoVue or PolyVue systems. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature treatment of formalin-fixed tissue sections using 1mM EDTA, pH 8.0 must be performed prior to the immunostaining.</u>
Specificity:	This antibody is specific to a cluster of proteins between 19-22kD (reduced). VEGF is a homodimeric disulfide-linked glycoprotein involved in angiogenesis which promotes tumor progression and metastasis. It exhibits potent mitogenic and permeability inducing properties specific for the vascular endothelium.
Positive Control:	Angiosarcoma
Cellular Localization:	Cytoplasmic, cell membrane, extracellular matrix
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
Reference:	i) O'Byrne et al. Br J Cancer 82: 1427, 2000. ii) Turley et al. J Pathol 186: 313, 1998.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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