

Monoclonal Mouse Antibody to Human VEGFR-1 (Flt-1 Receptor)

Catalog No.:	Mob 457, Mob 457-05
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:	Human recombinant extracellular domain of VEGF receptor-1.
Clone:	FLT-11
Isotype:	IgG1
Format:	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. 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>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	Monoclonal Anti- VEGF Receptor-1 (Flt1 Receptor) reacts specifically with the extracellular domain of human VEGF Receptor-1 (Flt1 Receptor). The epitope recognized by the antibody resides within amino acid residues 1-251 of the VEGF Receptor-1 molecule. This antibody does not recognize VEGF Receptor-2 (KDR). It cross reacts with human and mouse.
Positive Control:	Angiosarcoma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Hanahan et al. Science 277: 48, 1997. ii) Sait et al. Cytogenet Cell Genet 70: 145, 1995. iii) Waltenberger et al. J Biol Chem 269: 26988, 1994.

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

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: www.dbiosys.com e-mail: customersupport@dbiosys.com