Monoclonal Antibody to Vascular Endothelial Growth Factor 183 (VEGF183)
Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[ PRODUCT INFORMATION ]

Immunogen: VEGF183, Human
Clonality: Monoclonal
Clone number: F4
Host: Mouse
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 500µg/mL
UOM: 200µg

[ IMMUNOGEN INFORMATION ]

Immunogen: Recombinant VEGF183 (Pro28~Asp191) expressed in E.coli.
Accession No.: RPA143Hu01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
MGHHHHHHHSGSEF-PMA EGGGQNHHEV VKFMDVYQRS YCHPIETLVD IFQEYPDEIE YIFKPCVPL MRCGCCCNDIE GLECVPTIES NITMQIMRIK PHQQHIGEM SFLQHNKCEC RPKKDRARQE NPCGPCSEERR KHLFVQDPQT CKCSCKnTDS RCKARQLELN ERTCSRSLTRKD
[ ANTIBODY SPECIFICITY ]

The antibody is a mouse monoclonal antibody raised against VEGF183. It has been selected for its ability to recognize VEGF183 in immunohistochemical staining and western blotting.

[ APPLICATIONS ]

Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

[ CONTENTS ]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.