Anti-KDR antibody (20-764) [4B4] (STJ98079)

STJ98079

GENERAL INFORMATION

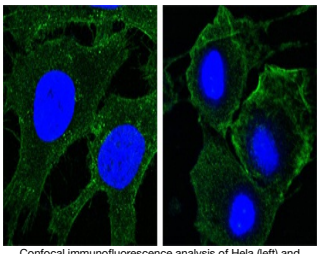
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Vascular Endothelial Growth Factor Receptor 2 (20-764) is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications WB, IF, ICC, FC, ELISA
Host/Source Mouse
Reactivity Human

PRODUCT PROPERTIES

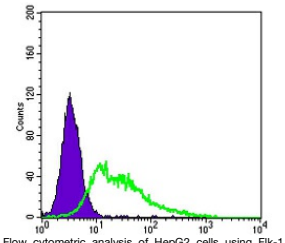
Clonality Monoclonal
Clone ID 4B4
Concentration
Conjugation Unconjugated
Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range WB 1:500-1:2000
IF 1:200-1:1000
FC 1:200-1:400
ELISA 1:10000
Formulation Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype IgG1
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

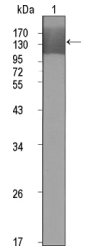
Gene ID 3791
Gene Symbol KDR
Uniprot ID VGFR2_HUMAN
Immunogen Purified recombinant extracellular fragment of human Flk-1 (aa20-764) fused with hIgGFc tag expressed in HEK293 cells.
Immunogen Region 20-764
Specificity KDR monoclonal antibody (Vascular Endothelial Growth Factor Receptor 2) binds to endogenous Vascular Endothelial Growth Factor Receptor 2 at the amino acid region 20-764.
Immunogen Sequence



Confocal immunofluorescence analysis of Hela (left) and HepG2 (right) cells using Flk-1 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HepG2 cells using Flk-1 monoclonal antibody (green) and negative control (purple).



Western blot analysis using Flk-1 monoclonal antibody against extracellular domain of human Flk-1 (aa20-764).

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