

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

STJ98079

### GENERAL INFORMATION

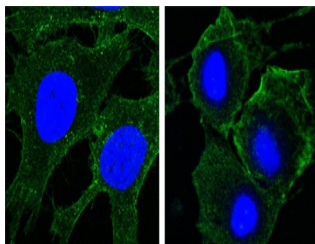
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Vascular endothelial growth factor receptor 2 (20-764 aa) is suitable for use in Western Blot, ChIP, Immunoprecipitation, Immunofluorescence, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB/ChIP/IF/FC/ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Fish

### PRODUCT PROPERTIES

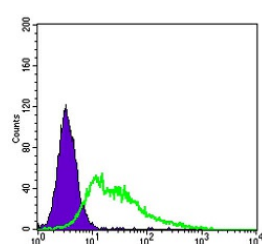
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	4B4
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

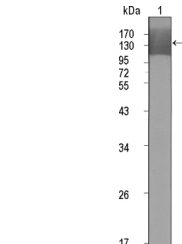
<b>Gene ID</b>	3791
<b>Gene Symbol</b>	KDR
<b>Uniprot ID</b>	VGFR2_HUMAN
<b>Immunogen</b>	Purified recombinant extracellular fragment of human Flk-1 (aa20-764) fused with hlgGfc tag expressed in HEK293 cells.
<b>Immunogen</b>	20-764 aa
<b>Region</b>	
<b>Specificity</b>	Flk-1 Monoclonal Antibody detects endogenous levels of Flk-1 protein.
<b>Immunogen Sequence</b>	



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).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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