

35-1739: Polyclonal Antibody to VEGFR2 (Ab-1059)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse
Gene :	KDR
Gene ID :	3791
Uniprot ID :	P35968
Format :	Purified
Alternative Name :	FLK1, KDR, VGFR2, VGR2, kinase insert domain receptor
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa. 1057~1061 (P-D-Y-V-R) derived from Human VEGFR2.

Description

Receptor for VEGF or VEGFC. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 210 230kd, Western blotting: 1:1000

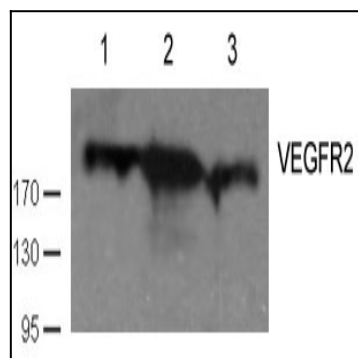


Figure 1: Western blot analysis of cell lysates using VEGFR2(Ab-1059) antibody(35-1739) Lane 1 and 2: Huvec cell; Lane 3 HT29 cell)