

35-1317: Polyclonal Antibody to VEGFR2 (phospho-Tyr1059)

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human, Mouse |
| Gene : | KDR |
| Gene ID : | 3791 |
| Uniprot ID : | P35968 |
| Format : | Purified |
| Alternative Name : | FLK1, CD309, VEGFR, KDR |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around phosphorylation site of tyrosine 1059 (P-D-Y(p)-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

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| Amount : | 50 µl / 100 µl |
| 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: 230kd, Western blotting: 1:1000

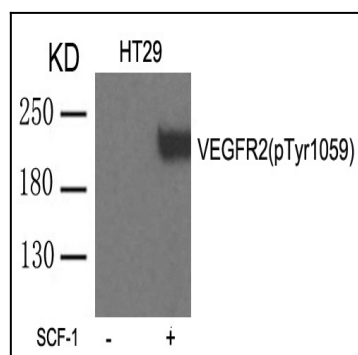


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with SCF-1 using VEGFR2(phospho-Tyr1059) Antibody 35-1317 .