

35-1082: Polyclonal Antibody to VEGFR2 (Phospho-Tyr1175)

| | |
|--------------------------------|---|
| Clonality : | Polyclonal |
| Application : | IHC,IF |
| Reactivity : | Human,Mouse,Rat |
| 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 phosphorylation site of tyrosine 1175 (K-D-Y(p)-I-V) 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 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, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

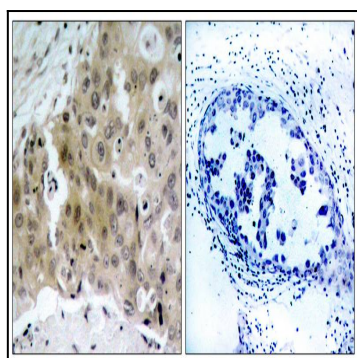


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using VEGFR2(Phospho-Tyr1175) Antibody 35-1082 (left) or the same antibody preincubated with blocking peptide(right).

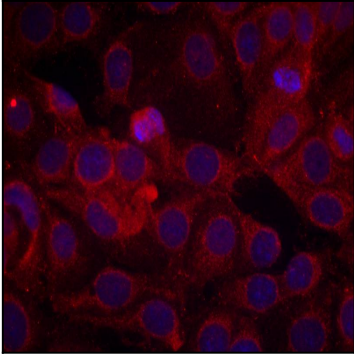


Figure 2: Immunofluorescence staining of methanol-fixed MCF cells using VEGFR2(Phospho-Tyr1175) Antibody 35-1082 .