

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

35-1084: Polyclonal Antibody to VEGFR2 (Phospho-Tyr951)

Clonality: Polyclonal Application: WB,IHC,IF Reactivity: Human **KDR** Gene: Gene ID: 3791 P35968 **Uniprot ID:** Format: Purified

Alternative Name: FLK1, KDR, VGFR2, VGR2, kinase insert domain receptor

Isotype: Rabbit IgG

Peptide sequence around phosphorylation site of tyrosine 951 (K-D-Y(p)-V-G) derived from Immunogen Information:

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

 $50 \mu l / 100 \mu l$ Amount:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 230kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

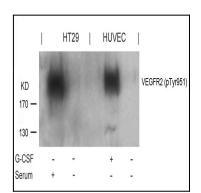


Figure 1: Western blot analysis of extracts from G-CSF-treated HUVEC and serumtreated HT29 cells using VEGFR2(Phospho-Tyr951) Antibody 35-1084.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

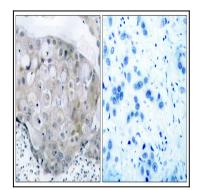


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using VEGFR2(Phospho-Tyr951) Antibody 35-1084 (left) or the same antibody preincubated with blocking peptide(right).

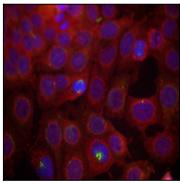


Figure 3: Immunofluorescence staining of methanol-fixed MCF7 cells using VEGFR2(Phospho-Tyr951) Antibody 35-1084 .