

Product Datasheet

Phospho-VEGFR2 (Tyr1175) Antibody

Catalog No: AY0441

Reactivity: Human:Y1175,Mouse:Y1173,Rat:Y1171

Isotype: Rabbit IgG

Applications: WB,IHC



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Information

UniProt ID: P35968

All Names: EC 2.7.10.1; FLK1; KDR; kinase insert domain receptor; protein-tyrosine kinase receptor Flk-1; vascular endothelial growth factor receptor 2; VGFR2; VGR2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 152kDa

Application

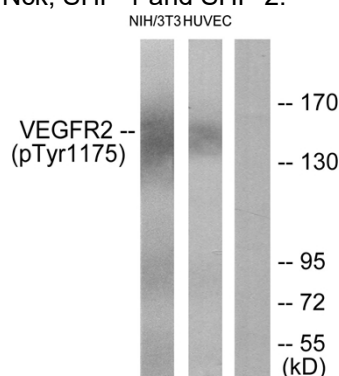
WB: 1:500~1:3000

IHC: 1:50~1:100

ELISA: 1:10000

Background

VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2.



Western blot analysis of extracts from NIH-3T3 cells and HUVEC cells treated with EGF (200ng/ml, 30mins), using VEGFR2 (Phospho-Tyr1175) antibody.

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