



VEGFR2 (Phospho-Tyr1059) Antibody

#14199

Catalog Number: 14199-1, 14199-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P35968

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human VEGFR2 around the phosphorylation site of Tyrosine1059

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

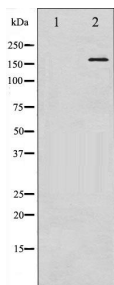
Specificity/Sensitivity: VEGFR2(Phospho-Tyr1059)Antibody detects endogenous levels of VEGFR2 only when phosphorylated at Tyrosine1059

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 170kd

WB: 1:500~1:2000



Western blot analysis of VEGFR2 phosphorylation expression in Na₃VO₄ treated HepG2 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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.