



VEGFR2 (Phospho-Tyr1214) Antibody

#14134

Catalog Number: 14134-1, 14134-2

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 Tyrosine 1214

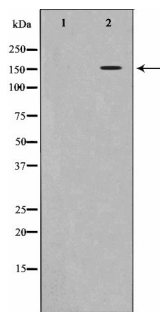
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-VEGFR2 (Tyr1214) Antibody detects endogenous levels of VEGFR2 only when phosphorylated at Tyrosine 1214

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 152kd WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis on K562 cell lysate using
Phospho-VEGFR2(Tyr1214) Antibody

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. Plays a key role in vascular development and regulation of vascular permeability.