

## Product Datasheet

# Phospho-VEGFR2 (Tyr1214) Antibody



Catalog No: CY6555

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC

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### Information

**UniProt ID:** P35968

**All Names:** EC 2.7.10.1, FLK1, KDR, VEGFR2, VGR2, kinase insert domain receptor, protein-tyrosine kinase receptor Flk-1, vascular endothelial growth factor receptor 2

**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

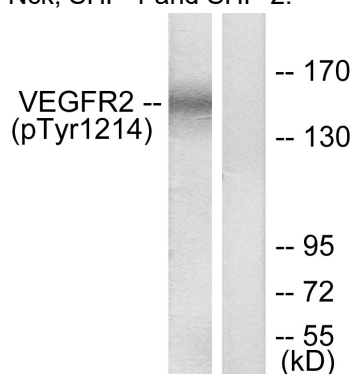
### Application

WB 1:500-1:2000

IHC 1:50-1:200

### 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 HepG2 cells, treated with Na<sub>3</sub>VO<sub>4</sub> (0.3nM, 40mins), using VEGFR2 (Phospho-Tyr1214) antibody.

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