

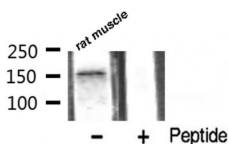
Phospho-VEGFR2 (Tyr1059) Ab

Cat.#: AF3279
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 170kDa
Clonality: Polyclonal

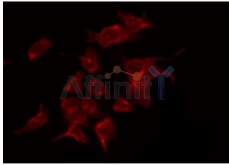
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-VEGFR2 (Tyr1059) Ab detects endogenous levels of VEGFR2 only when phosphorylated at Tyrosine 1059.
Immunogen:	A synthesized peptide derived from human VEGFR2 around the phosphorylation site of Tyrosine 1059.
Uniprot:	P35968
Description:	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.
Subcellular Location:	Membrane.
Tissue Specificity:	Detected in cornea (at protein level). Widely expressed.
Similarity:	The second and third Ig-like C2-type (immunoglobulin-like) domains are sufficient for VEGFC binding.Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of VEGFR2 phosphorylation expression in rat muscle tissue lysates,The lane on the right is treated with the antigen-specific peptide.



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.



AF3279 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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