VEGF RECEPTOR 2 RABBIT PAB

Cat.#: N225362

Product Name: Anti-VEGF Receptor 2 Rabbit pAb

Synonyms: KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2; Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309

UNIPROT ID: P35968

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.

Immunogen: The antiserum was produced against synthesized peptide derived from human VEGFR2. AA range:917-966

Applications: WB,IHC-F,IHC-P,ICC/IF,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 152 kDa; Observed MW: 210,230 kDa

Isotype: IgG

Purification: Affinity Purified

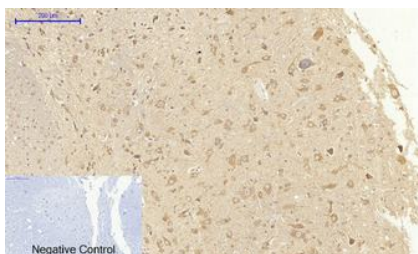**Species Reactivity:** Human,Mouse

Conjugation: Unconjugated
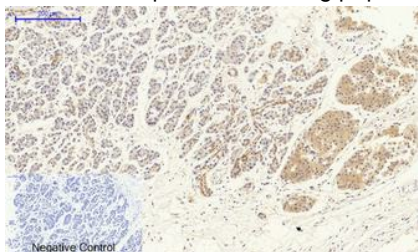
Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

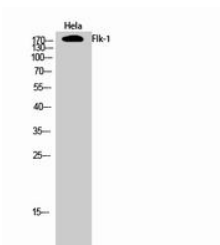**Research Areas:** Epigenetics and Nuclear Signaling

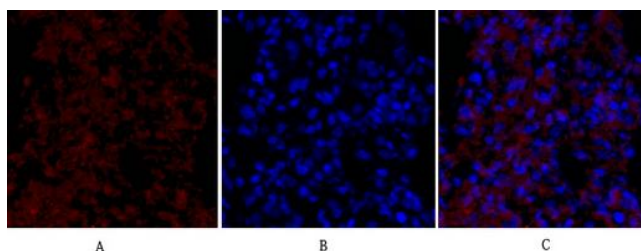**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded rat spinalcord using Flk1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

Western blot analysis of VEGF Receptor 2 in Hela lysates using VEGF Receptor 2 antibody.

Immunohistochemistry analysis of paraffin-embedded Human stomach cancer using Flk1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.

Immunofluorescence analysis of VEGF Receptor 2 in rat lung using Flk1 antibody(red),and DAPI (blue).