

**PAB818Hu01****Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)****Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

**[ PRODUCT INFORMATION ]****Immunogen:** VEGFR1, Human**Clonality:** Polyclonal**Host:** Rabbit**Immunoglobulin Type:** IgG**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 200µg/mL**UOM:** 100µg**[ IMMUNOGEN INFORMATION ]****Immunogen:** Recombinant VEGFR1 (Ser27~Ile328) expressed in *E.coli*.**Accession No.:** RPB818Hu01**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-SKLG DPELSLKGQTQ HIMQAGQTLH LQCRGEEAAHK WSLPEMVSKE  
SERLSITKSA CGRNGKQFCS TLTNLAQAN HTGFYSCKYL AVPTSKKKT ESAIYIFISD  
TGRPFVEMYS EIPEIIHMTE GRELVIPCRV TSPNITVTLK KFPLDTLIPD GKRIIWDSRK  
GFIISNATYK EIGLLTCEAT VNGHLYKTNY LTHRQTNTII DVQISTPRPV KLLRGHTLVL  
NCTATPLNT RVQMTWSYPD EKNKRASVRR RIDQSNESHAN IFYSVLTIDK MQNKDKGLYT  
CRVRSGPSFK SVNTSVHI

**[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against VEGFR1. It has been selected for its ability to recognize VEGFR1 in immunohistochemical staining and western blotting.

**[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

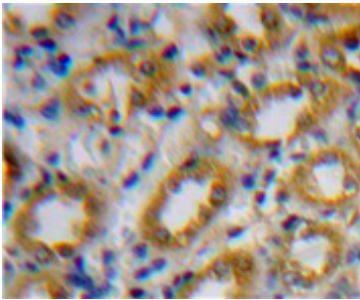
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

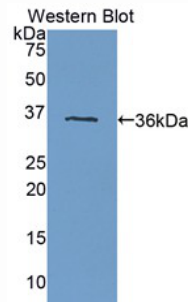
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ **IMAGES** ]



Used in DAB staining on formalin fixed  
paraffin-embedded kidney tissue



Used in Western Blot, Sample:  
Recombinant VEGFR1, Human

## [ **CONTENTS** ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## [ **QUALITY CONTROL** ]

**Content:** The quality control contains recombinant VEGFR1 (Ser27~Ile328) disposed in loading buffer.

**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.  
5uL per well when used in enhanced chemiluminescent (ECL).

**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN<sub>3</sub> 0.02%.

## [ **STORAGE** ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.