#### PAB818Ra01 Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 1 (VEGFR1) Organism Species: Rattus norvegicus (Rat) Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

#### [PRODUCT INFORMATION]

Cloud-Clone Corp.

Immunogen: VEGFR1, Rat 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 (Ser303~Val524) with two N-terminal Tags, His-tag and S-tag expressed in *E.coli*.

Accession No.: RPB818Ra01

#### [ANTIBODY SPECIFITY]

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: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-200 Optimal working dilutions must be determined by end user.



### [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 (Ser303~Val524) disposed in loading buffer.

**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

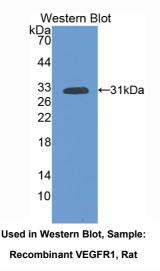
5uL per well when used in enhanced chemilumescent (ECL). **Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

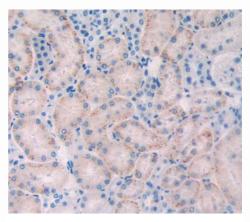
Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN $_3$  0.02%.

# [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.

## [<u>IMAGES</u>]





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

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