PAB048Hu81

FITC-Linked Antibody

To Protein Tyrosine Phosphatase Receptor Type B (PTPRB)

Organism Species: Homo sapiens (Human)

Instruction manual

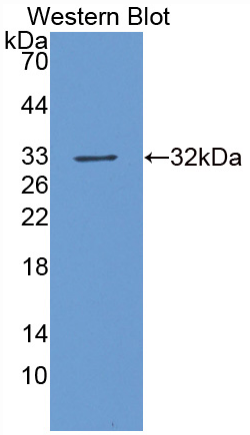
FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: PTPRB, Human
Clonality: Polyclonal
Conjugation: FITC
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200μg/mL
UOM: 100μg



Sample: Recombinant PTPRB, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant PTPRB (Ala1655~Asp1918) expressed in *E.coli*.
Accession No.: RPB048Hu01
Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.
MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- ARLSIR RDRPLSVHLN LGQKGNRKTS CPIKINQFEG HFMKLQADSN YLLSKEYEEL KDVGRNQSCD IALLPENRGK NRYNNILPYD ATRVKLSNVD DDPCSDYINA SYIPGNNFRR EYIVTQGPLP GTKDDFWKMV WEQNVHNIVM VTQCVEKGRV KCDHYWPADQ DSLYYGDLIL QMLSESVLPE WTIREFKICG EEQLDAHRLI RHFHYTVWPD HGVPETTQSL IQFVRTVRDY INRSPGAGPT VVHCSAGVGR TGTFIALD

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against PTPRB. It has been selected for its ability to recognize PTPRB 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_3, 50% glycerol.

[STORAGE]

Store at 4^{o}C for frequent use. Stored at -20^{o}C to -80^{o}C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Note: *As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.*