

## PGP9.5 (7B8) MOUSE MAB

**Cat.#:** N261081

**Product Name:** Anti-PGP9.5 (7B8) Mouse Monoclonal Antibody

**Synonyms:** UCHL1 / PGP9.5; UCHL1; B220; CD 45; CD45; cd45 antigen; ec3.1.3.48; GP 180; GP180; Human homolog of severe combined immunodeficiency due to PTPRC deficiency; L CA; L-CA; lca; Leukocyte common antigen; LY 5; LY5; Protein tyrosine phosphatase receptor type C; Protein tyrosine phosphatase receptor type c polypeptide; PTPRC; PTPRC\_HUMAN; Receptor-type tyrosine-protein phosphatase C; SCID due to PTPRC deficiency; t200; T200 glycoprotein; T200 leukocyte common antigen.

**UNIPROT ID:** P09936

**Background:** PGP9.5 is a single chain transmembrane glycoprotein which represents the low molecular weight isoform of the Leucocyte Common Antigen (LCA). Hydrolyze isopeptide bonds between the carboxy-terminal glycine of Ub and the  $\epsilon$ -amino group of lysine on target proteins and involved in the cotranslational processing of pro-ubiquitin and ribosomal proteins translated as ubiquitin fusions.

**Immunogen:** Purified recombinant human UCHL1 / PGP9.5 protein fragments expressed in E.coli.

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 7B8-G5-B8

**MW:** Calculated MW: 25 kDa; Observed MW: 25 kDa

**Isotype:** IgG2b

**Purification:** Affinity Purified

**Species Reactivity:** Human, Monkey

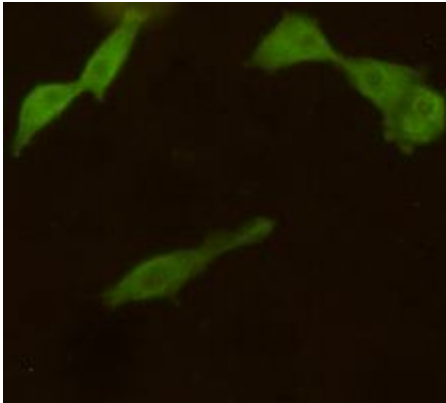
**Conjugation:** Unconjugated

**Modification:** Unmodified

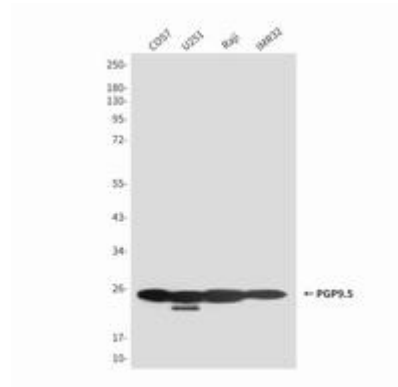
**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing



Immunocytochemistry analysis of PGP9.5 (7B8) in COS7 using UCHL1 / PGP9.5 antibody.



Western blot analysis of UCHL1 / PGP9.5 in U251, IMR32, Raji and COS7 lysates using UCHL1 / PGP9.5 antibody.