

---

## Summary

<b>Production Name</b>	PGP9.5 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	UCHL1 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;
<b>Alternative Names</b>	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.
<b>Gene ID</b>	7345
<b>SwissProt ID</b>	P09936

## Application

**Product Name: PGP9.5 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02432**



**Dilution Ratio**

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Molecular Weight**

Calculated MW: 25 kDa; Observed MW: 25 kDa

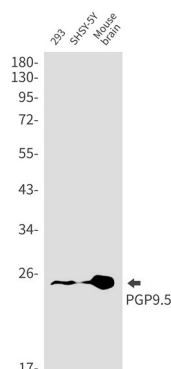
**Background**

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.

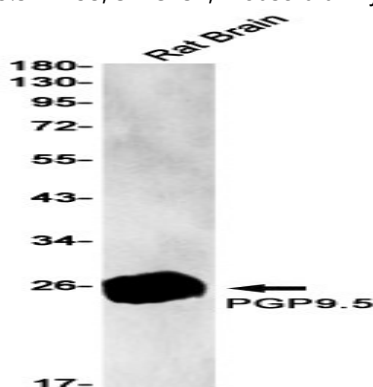
**Research Area**

Neuroscience

**Image Data**



Western blot analysis of PGP9.5 in 293, SH-SY5Y, mouse brain lysates using PGP9.5 antibody.



Western blot analysis of PGP9.5 in rat Brain lysates using PGP9.5 antibody.

**Note**

For research use only.

**Product Name: PGP9.5 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02432**

---

