

Anti-PGP9.5 (7B8) Mouse Monoclonal Antibody

Introduction

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 ϵ -amino group of lysine on target proteins and involved in the cotranslational processing of pro-ubiquitin and ribosomal proteins translated as ubiquitin fusions.

Product parameters

Alternative Names	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.
Gene ID	7345
Gene Name	UCHL1
SwissProt ID	P09936
Host	Mouse
Reactivity	Human, Monkey
Molecular Weight	Calculated MW: 25 kDa; Observed MW: 25 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG2b
Isotype	Monoclonal Antibody
Clonality No.	AP-1C11A10
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Purified recombinant human UCHL1 / PGP9.5 protein fragments expressed in E.coli.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, ICC/IF

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Research Field	Neuroscience
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





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