

PTPRC/CD45 recombinant antibody

Anti-PTPRC/CD45 Reference Antibody (Novartis patent anti-CD45)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296736	CHO Cell	Human	Functional Assay, Flow Cytometry, Functional Assay, ELISA

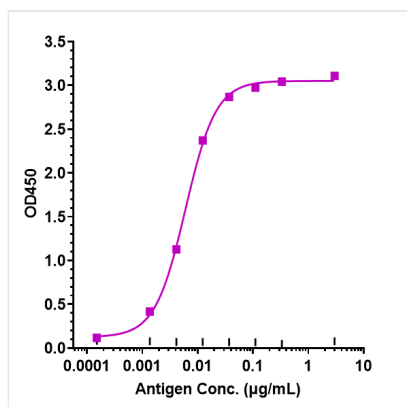
PRODUCT SYNONYMS

PTPRC/CD45; Monoclonal Recombinant Antibody; Anti-PTPRC/CD45 Reference Antibody (Novartis patent anti-CD45); PTPRC/CD45 recombinant antibody

PRODUCT SPECIFICATIONS

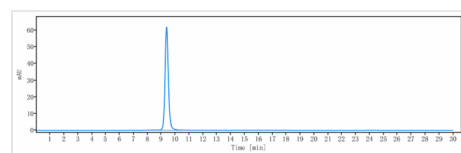
Host	CHO Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	PTPRC/CD45
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for PTPRC/CD45 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



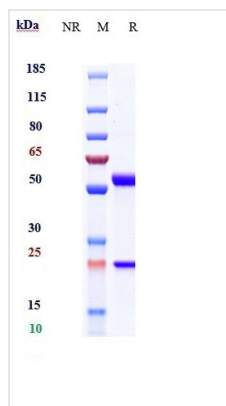
Application Data

Immobilized human IL-18 His at 4 ug/mL can bind Anti-PTPRC / CD45 Reference Antibody (Novartis patent anti-CD45), EC50=0.00604 ug/mL.



Application Data

The purity of Anti-PTPRC / CD45 Reference Antibody (Novartis patent anti-CD45) is more than 95% ,determined by SEC-HPLC.



SDS-PAGE

Anti-PTPRC / CD45 Reference Antibody (Novartis patent anti-CD45) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

ADDITIONAL INFORMATION

Product Categories/Family for PTPRC/CD45 recombinant antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	392307007
NCBI GeneID	5788
NCBI Accession #	NP_002829.3
NCBI GenBank Nucleotide #	NM_002838.4
UniProt Accession #	P08575; Q16614; Q9H0Y6; A8K7W6
Molecular Weight	147,254 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase C isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, C
NCBI Official Symbol	PTPRC
NCBI Official Synonym Symbols	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
NCBI Protein Information	receptor-type tyrosine-protein phosphatase C; CD45 antigen; T200 glycoprotein; T200 leukocyte common antigen; protein tyrosine phosphatase, receptor type, c polypeptide
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	CD45; L-CA
UniProt Entry Name	PTPRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ptprc-cd45-recombinant-antibody-functional-assay-flow-cytometry-elisa/296736>