

Rabbit anti-Human CD45RB Polyclonal Antibody | anti-CD45RB antibody

CD45RB Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282427	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

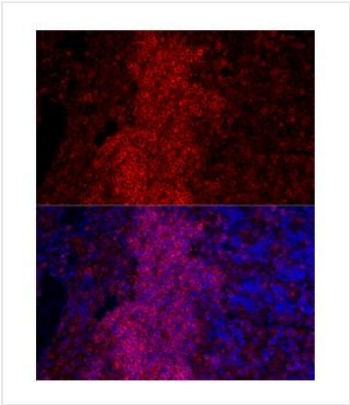
PRODUCT SYNONYMS

CD45RB; Polyclonal Antibody; CD45RB Rabbit pAb; LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180; IMD105; anti-CD45RB antibody

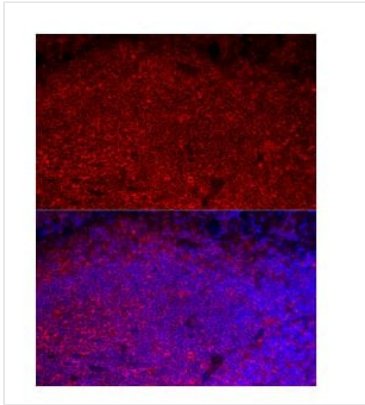
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	GMVSTFEQYQ FLYDVIASY PAQNGQVKKN NHQEDKIEFD NEVDKVKQDA NCVNPLGAPE KLPEAKEQAE GSEPTSGTEG PEHSVNGPAS PALNQGS
Applicable Applications for anti-CD45RB antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Jurkat
Cellular Location	Membrane, Membrane raft, Single-pass type I membrane protein
Research Area	Signal Transduction, Kinase, Tyrosine kinases, Cell Biology Developmental Biology, Apoptosis, Immunology Inflammation, CDs, B Cell Receptor Signaling Pathway, T Cell Receptor Signaling Pathway, Neuroscience, Cell Type Marker, Stem Cells, Hematopoietic Progenitors
Immunogen	Recombinant protein of human CD45RB.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

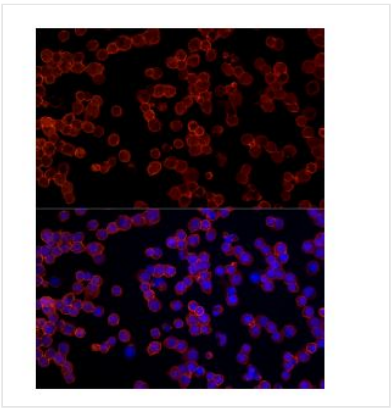
IMAGES



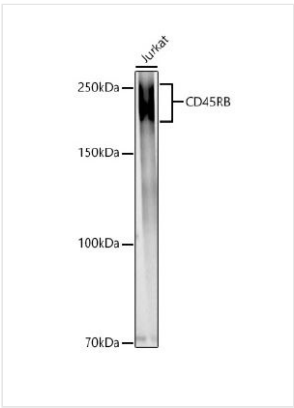
Application Data
Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of rat spleen cells using CD45RB Rabbit pAb (AAA282427) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Application Data
Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of mouse spleen cells using CD45RB Rabbit pAb (AAA282427) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of Jurkat cells using CD45RB Rabbit pAb (AAA282427) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of Jurkat, using CD45RB Rabbit pAb (AAA282427) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45RB antibody	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required for the antigen receptor signaling. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptor signaling. Alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported.
Product Categories/Family for anti-CD45RB antibody	Polyclonal Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd45rb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282427>