

Mouse anti-Human, Pig CD45 Monoclonal Antibody | anti-CD45 antibody

Anti-CD45 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249028	Mouse	Human, Pig	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

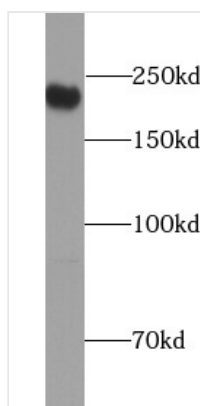
PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Anti-CD45 Antibody; B220; CD45R; GP180; L CA; LCA; Leukocyte common antigen; LY5; PTPRC; RPTPC; T200; anti-CD45 antibody

PRODUCT SPECIFICATIONS

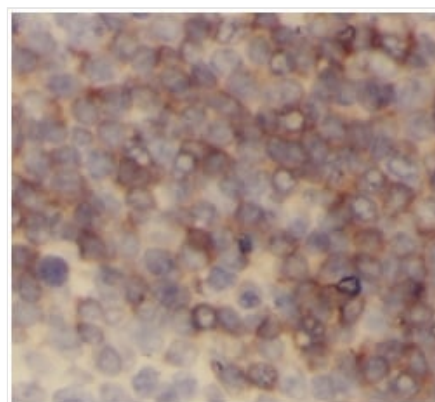
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4C8
Purity/Purification	>95% as determined by SDS-PAGE Protein A+G Purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	1306
Applicable Applications for anti-CD45 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Protein tyrosine phosphatase, receptor type, C
Preparation and Storage	Store at -20°C for 12 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Raji cells were subjected to SDS PAGE followed by western blot with AAA249028 (CD45 Antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using AAA249028 (CD45 Antibody) at dilution of 1:300. heat mediated antigen retrieved with Tris-EDTA buffer (pH9) .

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	CD45, also known as leukocyte common antigen(LCA), B220, and T200, is a 180-240 kD single chain type I membrane glycoprotein. It is a tyrosine phosphatase expressed on the plasma membrane of all hematopoietic cells, except erythrocytes and platelets. CD45 is a signaling molecule that regulates a variety of cellular processes including cell growth, differentiation, cell cycle, and oncogenic transformation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	392307007
NCBI GeneID	5788
NCBI Accession #	NP_002829.3
NCBI GenBank Nucleotide #	NM_002838.5
UniProt Accession #	P08575
Molecular Weight	Observed MW: 180-220 kDa
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
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://www.aaabiotech.com/monoclonal/cd45-antibody-clone-4c8-flow-cytometry-immunohistochemistry-western-blot-elisa/249028>