

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

Human CD45 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290899	Mouse	Human	ELISA, Flow Cytometry, Functional Assay

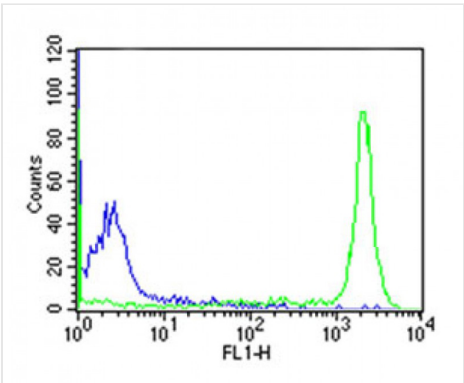
PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Human CD45 Antibody; Purified Mouse Monoclonal Antibody (Mab); anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4B2
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	72
Applicable Applications for anti-CD45 antibody	ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Recombinant Protein
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
Overlay histogram showing human peripheral blood lymphocytes stained with CD45 antibody(green line). The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:50 dilution) for 60min at 37 degree C. The secondary antibody used was Goat Anti-Mouse IgG, DyLight 488 Conjugated Highly Cross-Adsorbed(OJ192088) at 1/200 dilution for 40min at 37 degree C. Isotype control antibody (blue line) was mouse IgG2a (1μg/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD45 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	44242008
NCBI GeneID	5788
NCBI Official Full Name	CD45, partial
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

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/monoclonal/cd45-antibody-clone-4b2-flow-cytometry-elisa/290899>