

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

Monoclonal Antibody to human CD45 (Clone EO-1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78485	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

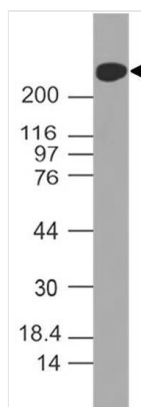
PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Monoclonal Antibody to human CD45 (Clone EO-1); Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CA P08575 5788. Monoclonal Antibody to human CD45 (Clone EO-1); anti-CD45 antibody

PRODUCT SPECIFICATIONS

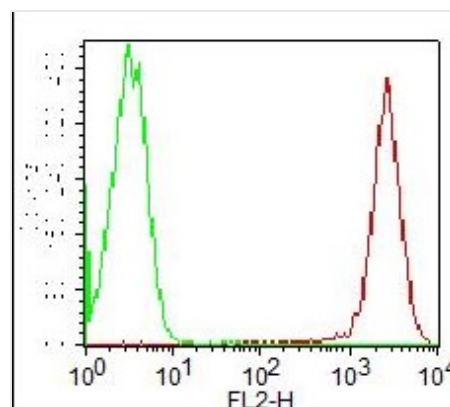
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	EO-1
Purity/Purification	Protein G Chromatography Purified
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	1306
Applicable Applications for anti-CD45 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	CD45
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months. For long-term storage; store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Figure-2: Western blot analysis of CD45. Anti- CD45 antibody (Clone: EO-1) was used at 4 ug/ml on Raji lysate.



FCM/FACS (Flow Cytometry)

Fig. 1- Cell surface staining of Jurkat cells. Green represents IgG2a Isotype control, Red represents CD45 Clone EO-1 (10-4185). 0.1 ug antibody was used per test. PE conjugated Goat anti-mouse Ig was used as secondary antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD45 antibody	Immunology
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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; A0A0A0MT22; A8K7W6; X6R433
Molecular Weight	131,130 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
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	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-eo-1-flow-cytometry-western-blot-immunohistochemistry-elisa/78485>