

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

Anti-Rat CD45 Purified (Clone OX-1) (mouse IgG1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74154	Mouse	Rat	Flow Cytometry, Functional Assay

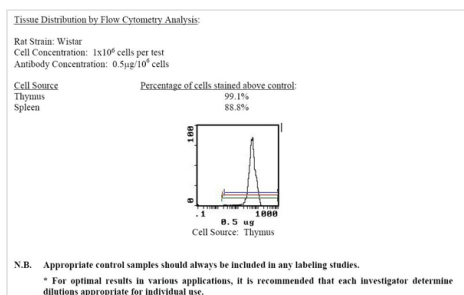
PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Anti-Rat CD45 Purified (Clone OX-1) (mouse IgG1); CD45 Purified (Clone OX-1) (mouse IgG1); Anti-Mouse CD45 Monoclonal Antibody; anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	OX-1
Specificity	CD45 (LCA) (Rat Leukocyte Common Antigen)
Form/Format	Purified
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1246
Applicable Applications for anti-CD45 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Rat thymocyte membrane glycoproteins
Donor	BALB/c Spleen
Fusion Partner	NSI-Ag4-1
Presentation	Purified IgG buffered in PBS and 0.02% NaN ₃ . (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
Preparation and Storage	For all formats, store at 4 degree C. DO NOT FREEZE PE conjugates. For long term storage (Purified), aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	anti-rat CD45 monoclonal antibody was raised against rat leukocyte common antigen and with this it was shown that the antigen existed in different forms on different lymphoid cell types. The thymocyte, T lymphocyte and B lymphocyte forms were found at about 180, 200 (multiple bands) and 240 (broad band) kDa, respectively [2]. This molecule carries much of the carbohydrate of thymocytes and shows interesting heterogeneity amongst T lymphocytes and B lymphocytes. Applications include: Flow cytometry and this clone is reported to work with frozen sections.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74095921
NCBI GeneID	445949
NCBI Accession #	NP_001027788.1
NCBI GenBank Nucleotide #	NM_001032616.1
NCBI Official Full Name	CD45
NCBI Official Symbol	ptprc
NCBI Protein Information	CD45

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://www.aaabiotech.com/monoclonal/cd45-antibody-clone-ox-1-flow-cytometry-elisa/74154>