

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

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

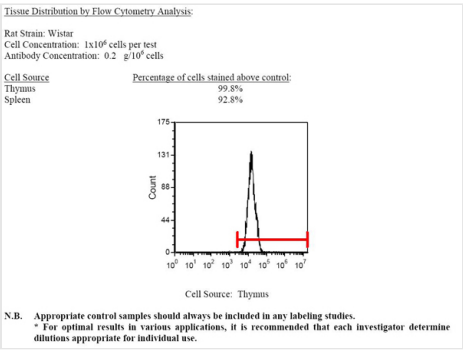
CATALOG # AAA74152	HOST Mouse	REACTIVITY Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Anti-Rat CD45 FITC (Clone OX-1) (mouse IgG1); CD45 FITC (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	FITC
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	1246
Applicable Applications for anti-CD45 antibody	IHC (Immunohistochemistry)
Immunogen	Rat thymocyte membrane glycoproteins
Donor	BALB/c Spleen
Fusion Partner	NSI/1-Ag4-1
Presentation	Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	For all formats, store at 4 degree C. DO NOT FREEZE PE conjugates. For long term storage (Purified, Biotin, FITC), aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.



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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd45-antibody-clone-ox-1-immunohistochemistry-elisa/74152>