

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

Anti-Rat CD45 PE (Clone OX-30) (mouse IgG2a)

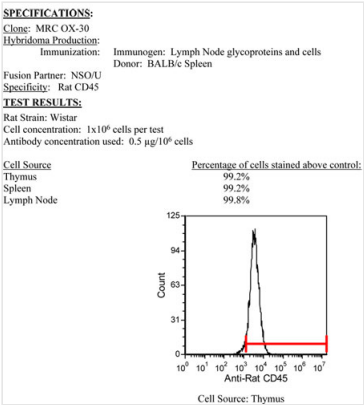
CATALOG # AAA74153	HOST Mouse	REACTIVITY Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

CD45; Monoclonal Antibody; Anti-Rat CD45 PE (Clone OX-30) (mouse IgG2a); CD45 PE (Clone OX-30) (mouse IgG2a); PE Anti-Rat CD45 Monoclonal Antibody; anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Number	OX-30
Specificity	CD45 (LCA) (Rat CD45)
Form/Format	PE (R-PE conjugated Ig buffered in PBS, 0.02% NaN ₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. (Purified from ascitic fluid via Protein G Chromatography))
Concentration	Antibody Concentration: 0.1 mg/ml (varies by lot)
Sequence Length	1246
Applicable Applications for anti-CD45 antibody	IHC (Immunohistochemistry)
Immunogen	Lymph Node glycoproteins and cells
Donor	BALB/c spleen
Fusion Partner	NS1/1
Presentation	50 ug or 200ug conjugated IgG buffered in PBS, 0.02% NaN ₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. Avoid prolonged exposure to light.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	Cedariane's anti-rat CD ₄₅ monoclonal antibody recognizes a monomorphic determinant of the rat leukocyte common antigen. (1) The antigen recognized is a heavily glycosylated membrane glycoprotein of molecular weight 170,000 Da on thymocytes but molecular weight 170,000-220,000 Da on other leukocytes. The leukocyte common antigen (L-CA) is a major glycoprotein of haematopoietic cells but is not found on other tissues or erythroid cells. It is present on greater than 95% of thymocytes, bone marrow cells and thoracic duct lymphocytes. This molecule carries much of the carbohydrate of thymocytes and shows interesting heterogeneity amongst T lymphocytes and B lymphocytes. (2, 3) This antibody is suitable for use in flow cytometry and immunohistochemistry with frozen sections. This clone has also been reported to be unsuitable for use with paraffin 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.