

Mouse CD45 Monoclonal Antibody | anti-CD45 antibody

CD45 (CD45 Antigen, B220, GP180, Leukocyte Common Antigen, LCA, L-CA, LY5, LY-5, Protein Tyrosine Phosphatase Receptor Type C, Protein Tyrosine Phosphatase Receptor Type C Polypeptide, PTPRC, T200, T200 Glycoprotein) (MaxLight 550)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26810	Mouse	Equine, Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunoprecipitation

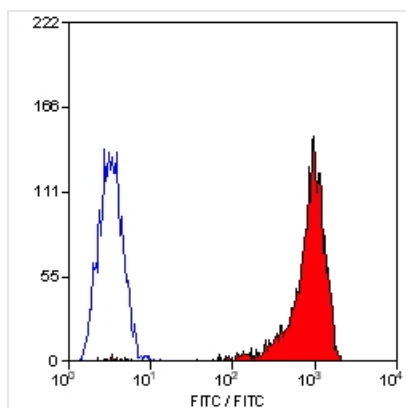
PRODUCT SYNONYMS

CD45; Monoclonal Antibody; CD45 (CD45 Antigen; B220; GP180; Leukocyte Common Antigen; LCA; L-CA; LY5; LY-5; Protein Tyrosine Phosphatase Receptor Type C; Protein Tyrosine Phosphatase Receptor Type C Polypeptide; PTPRC; T200; T200 Glycoprotein) (MaxLight 550); anti-CD45 antibody

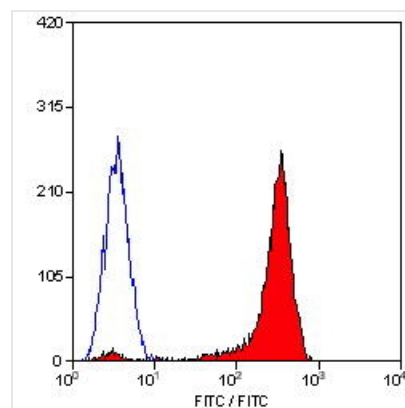
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Equine, Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	10B1611
Specificity	Recognizes human CD45. Reacts with all forms of CD45 expressed by all haematopoietic cells, except erythrocytes, having a higher level of expression on lymphocytes than on granulocytes. Species crossreactivity: equine
Purity/Purification	Purified by Protein A Affinity Chromatography
Form/Format	Supplied as a liquid in PBS, pH 7.2. Labeled with MaxLight550.
Applicable Applications for anti-CD45 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Human T lymphocytes
Conjugate	MaxLight550
Preparation and Storage	Store at 4 degree C. Do Not Freeze.

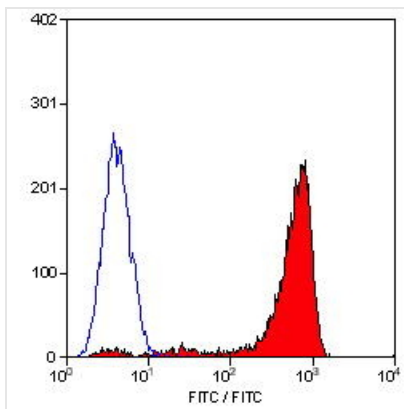
IMAGES



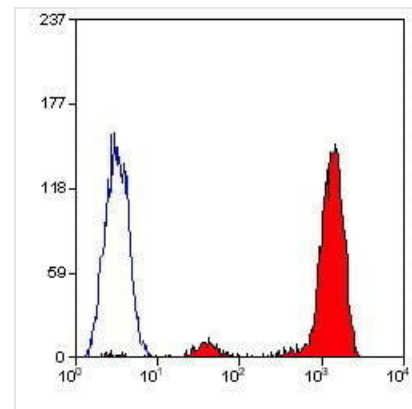
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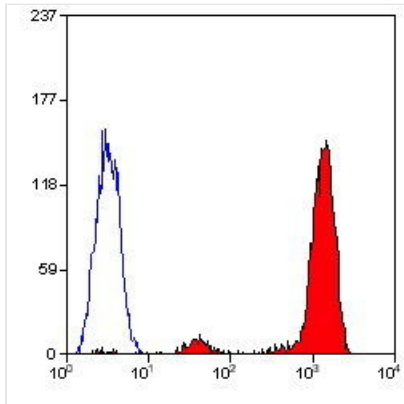
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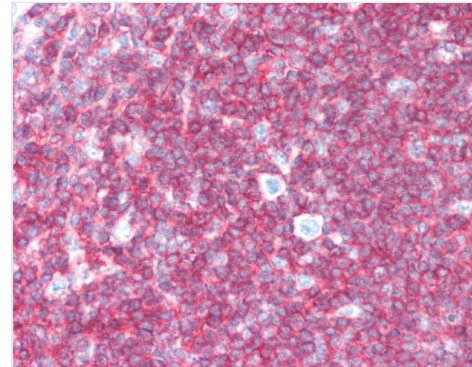
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IHC (Immunohistochemistry)

Immunohistochemistry (FFPE) analysis of human tonsil stained with C2399-07G2, biotinylated anti-mouse IgG and Streptavidin Alkaline Phosphatase (red). Nuclei were counterstained with hematoxylin.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD45 antibody	Antibodies; CD Markers
References	1. Dalchau, R. et al. (1980) Eur. J. Immunol. 10: 737-744. 2. Quenby, S et al. (1999) Human Reprod. 14(9):2386-2391. 4. Hauser, P.V. et al. (2010) Am J Pathol. 177: 2011-21. 5. Mallam, E. et al. (2010) Mult Scler. 16: 909-18.6. Marrinucci, D. et al. (2010) J Oncol. 2010: 861341.7. Kazane, S.A. et al. (2012) Proc Natl Acad Sci U S A. 109: 3731-6. 8. Carrade, D.D. et al. (2012) Cell Medicine. 4: 1-11.

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; A8K7W6
Molecular Weight	147,254 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; CD45 antigen; T200 glycoprotein; T200 leukocyte common antigen; protein tyrosine phosphatase, receptor type, c polypeptide
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	CD45; L-CA
UniProt Entry Name	PTPRC_HUMAN

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-10b1611-flow-cytometry-immunohistochemistry-immunoprecipitation-elisa/26810>