

Mouse CD45 Monoclonal Antibody | anti-CD45 antibody

MOUSE ANTI RABBIT CD45

CATALOG # AAA50175	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

CD45; Monoclonal Antibody; MOUSE ANTI RABBIT CD45; anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	L12/201
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	72
Applicable Applications for anti-CD45 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Glycoproteins isolated from the T cell line, RL-5
Fusion Partners	Spleen cells from immunised mice were fused with cells of the P3.X63.Ag8-U1 mouse myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Rabbit
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	Mouse anti Rabbit CD45 antibody, clone L12/201 shows pan leucocyte reactivity by flow cytometry and immunohistochemistry. Immunoprecipitation was only obtained after cross linking antibody to the labelled cell surface. This gave a band of 200kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	44242008
NCBI GeneID	5788
NCBI Official Full Name	CD45, partial

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://stage.aaabiotech.com/monoclonal/cd45-antibody-clone-l12-201-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/50175>