

Mouse anti-Human Protein Tyrosine Phosphatase Receptor Type C (CD45) Monoclonal Antibody | anti-CD45 antibody

Monoclonal Antibody to Protein Tyrosine Phosphatase Receptor Type C (CD45)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151670	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

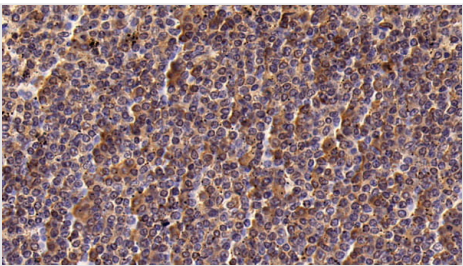
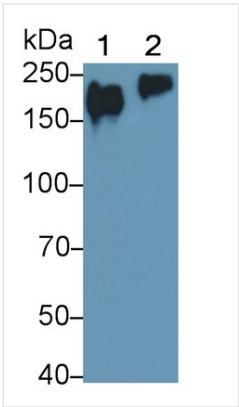
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Receptor Type C (CD45); Monoclonal Antibody; Monoclonal Antibody to Protein Tyrosine Phosphatase Receptor Type C (CD45); CD45/Protein Tyrosine Phosphatase Receptor Type C; PTPRC; LCA; B220; GP180; LY5; T200; Leukocyte common antigen; anti-CD45 antibody

PRODUCT SPECIFICATIONS

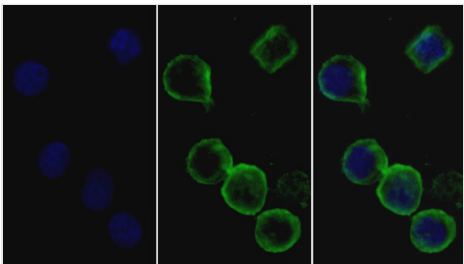
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against CD45. It has been selected for its ability to recognize CD45 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CD45 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Asp193~Lys575
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Human Spleen Tissue; Primary Ab: 30ug/ml Mouse AntiHuman PTPRC AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19

WB (Western Blot)
Western Blot; Sample: Lane1: Jurkat cell lysate; Lane2: THP1 cell lysate Primary Ab: 0.1ug/ml Mouse AntiHuman PTPRC Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



IF (Immunofluorescence)
FITC staining on IF; Sample: Human Jurkat cell; Primary Ab: 30ug/ml Mouse AntiHuman PTPRC Antibody Second Ab: 2ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD45 antibody	Signal transduction; Tumor immunity; Infection immunity; Primary
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	E9PKH0
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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/protein-tyrosine-phosphatase-receptor-type-c-cd45-antibody-clone-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151670>