

Rat CD45 Monoclonal Antibody | anti-CD45 antibody

RAT ANTI DOG CD45

CATALOG # AAA50163	HOST Rat	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay
------------------------------	--------------------	--

PRODUCT SYNONYMS

CD45; Monoclonal Antibody; RAT ANTI DOG CD45; anti-CD45 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YKIX716.13
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	72
Applicable Applications for anti-CD45 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Dog
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. 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.

IMAGES



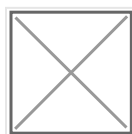
Application Data

Staining of canine peripheral blood lymphocytes with Rat anti Canine CD45:Alexa Fluor488



Application Data

Staining of canine peripheral blood lymphocytes with Rat anti Canine CD45:FITC



Application Data

Staining of canine peripheral blood lymphocytes with Rat anti-Canine CD45

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	Rat anti Dog CD45 antibody, clone YKIX716.13 recognizes canine CD45 also known as leukocyte common antigen lustered as Canine CD45 in the First Canine Leukocyte Antigen Workshop (CLAW). Clone YKIX 716.13: immunoprecipitates an antigen of 180/200kD from Con-A blasts (Cobbold et al. 1994). CD45 is expressed on all leukocytes in canine peripheral blood. Rat anti Dog CD45 antibody, clone YKIX716.13 reacts with CD45 on all outbred mongrels and beagles tested and may be against CD45RB isoform.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	44242008
NCBI GeneID	5788
Molecular Weight	130,898 Da
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.