

Mouse CD44 Monoclonal Antibody | anti-CD44 antibody

MOUSE ANTI RAT CD44:FITC

CATALOG # AAA49115	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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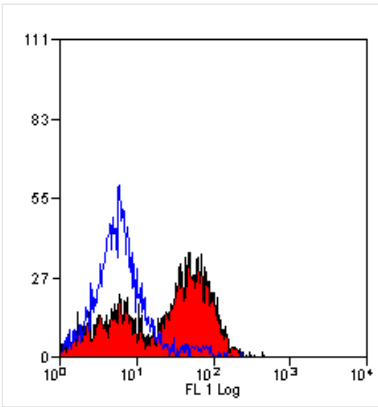
PRODUCT SYNONYMS

CD44; Monoclonal Antibody; MOUSE ANTI RAT CD44:FITC; anti-CD44 antibody

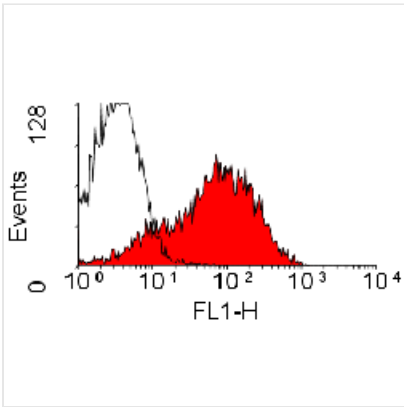
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	OX-50
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-CD44 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Rat
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. This product is photosensitive and should be protected from light. 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.

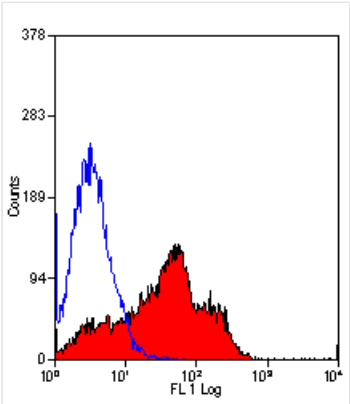
IMAGES



Application Data
Staining of rat spleen cells with Mouse anti Rat CD44



Application Data
Staining of rat spleen cells with Mouse anti Rat CD44: FITC



Application Data
Staining of rat spleen cells with Mouse anti Rat CD44:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD44 antibody	Mouse anti Rat CD44 antibody, clone OX-50 recognizes the rat CD44 cell surface antigen, expressed by T cells, B cells, macrophages and thymocytes. CD44 is a glycoprotein of 85kD, with expression being increased following activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	564342041
NCBI GeneID	25406
NCBI Accession #	XP_006234693.1
NCBI GenBank Nucleotide #	XM_006234631.2
UniProt Accession #	P26051; Q99021
Molecular Weight	39,794 Da
NCBI Official Full Name	CD44 antigen isoform X7
NCBI Official Synonym Full Names	CD44 molecule (Indian blood group)
NCBI Official Symbol	Cd44
NCBI Official Synonym Symbols	CD44A; META4; RHAMM

NCBI Protein Information	CD44 antigen; Cell surface glycoprotein CD44 (hyaluronate binding protein); ECMR-III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; PGP-1; PGP-I; extracellular matrix receptor III; hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; phagocytic glycoprotein I
UniProt Protein Name	CD44 antigen
UniProt Gene Name	Cd44
UniProt Synonym Gene Names	ECMR-III; PGP-1; PGP-I
UniProt Entry Name	CD44_RAT

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/cd44-antibody-clone-ox-50-flow-cytometry-elisa/49115>