

Mouse CD43 Monoclonal Antibody | anti-CD43 antibody

MOUSE ANTI RAT CD43:FITC

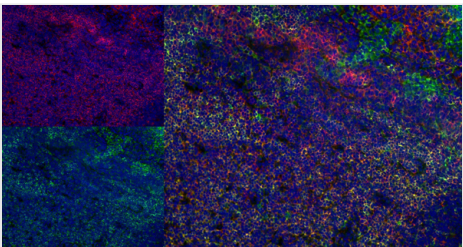
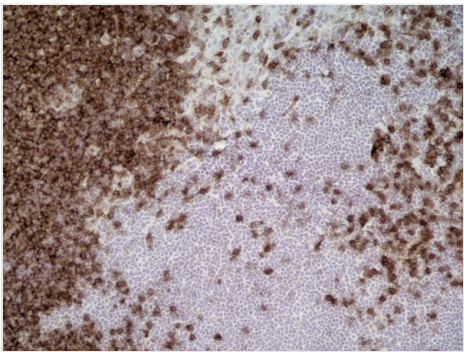
CATALOG #	HOST	APPLICATIONS
AAA12176	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD43; Monoclonal Antibody; MOUSE ANTI RAT CD43:FITC; anti-CD43 antibody

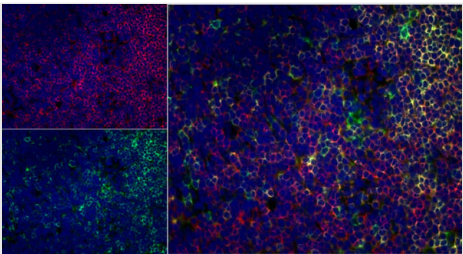
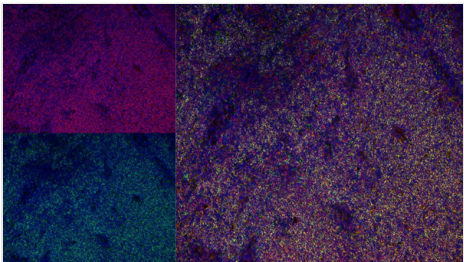
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	W3/13
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	378
Applicable Applications for anti-CD43 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Maximum Dilution: Neat
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	Rat thymocyte membrane glycoproteins Fusion Partners
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.



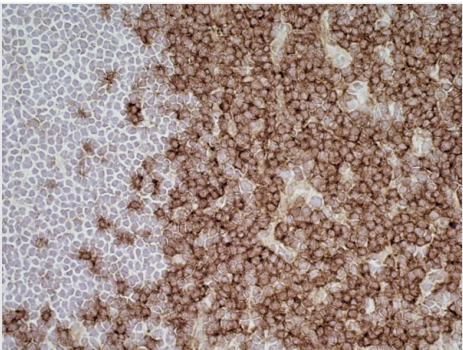
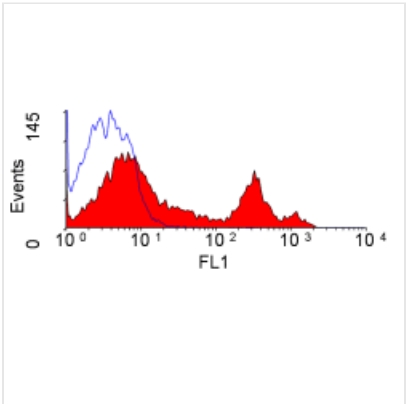
Application Data
Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD43 antibody in red and Mouse anti Rat CD4 in green. Merged image is on the right. Medium power

Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD43 antibody followed by peroxidase conjugated Goat anti Mouse IgG1 antibody for detection. Med power



Application Data
Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD43 antibody in red and Mouse anti Rat CD4 in green. Merged image is on the right. Low power

Application Data
Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD43 antibody in red and Mouse anti Rat CD4 in green. Merged image is on the right. High power



Application Data
Staining of rat splenocytes with Mouse anti Rat CD43: FITC

Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD43 antibody followed by peroxidase conjugated Goat anti Mouse IgG1 antibody for detection. High power

ADDITIONAL INFORMATION

Related Product Information for anti-CD43 antibody	Mouse anti Rat CD43 antibody, clone W3/13 recognizes the rat CD43 cell surface antigen, also known as leukosialin, sialophorin or W3/13 antigen. CD43 is a 371 amino acid ~95 kDa heavily glycosylated single pass type 1 transmembrane glycoprotein (Killeen et al. 1987) expressed by all leucocytes with the exception of B lymphocytes. CD43, in mice acts as a T-cell counter-receptor for CD169 (Siglec-1) suggesting a role in cell-cell interactions (van den Berg et al. 2001) Mouse anti Rat CD43 antibody, clone W3/13 is routinely tested in flow cytometry on rat splenocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126215
NCBI GeneID	24796
UniProt Accession #	P13838

Molecular Weight	38,426 Da
NCBI Official Full Name	Leukosialin
NCBI Official Synonym Full Names	sialophorin
NCBI Official Symbol	Spn
NCBI Official Synonym Symbols	Lsn; Cd43; Lsn1; gpL115
NCBI Protein Information	leukosialin; W3/13 antigen; leukocyte sialoglycoprotein; leukosianin
UniProt Protein Name	Leukosialin
UniProt Gene Name	Spn
UniProt Entry Name	LEUK_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/cd43-antibody-clone-w3-13-flow-cytometry-elisa/12176>