

Mouse CD43 Monoclonal Antibody | anti-CD43 antibody

MOUSE ANTI HUMAN CD43

CATALOG # AAA11993	HOST Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Immunohistochemistry
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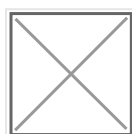
PRODUCT SYNONYMS

CD43; Monoclonal Antibody; MOUSE ANTI HUMAN CD43; anti-CD43 antibody

PRODUCT SPECIFICATIONS

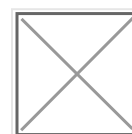
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	DFT-1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-CD43 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Immunohistology: This product does not require protein digestion pre-treatment of paraffin sections however, staining of paraffin embedded formalin fixed tissues may be improved in some cases by enzyme pretreatment using Trypsin. Flow Cytometry: Maximum Dilution: 1/100 Immunohistology - Paraffin: Minimum Dilution: 1/10; Maximum Dilution: 1/100
Perservative Stabilisers	0.09% Sodium Azide Preparation
Histology Positive Control Tissue	Tonsil Buffer Solution
Target Species	Human
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.

IMAGES



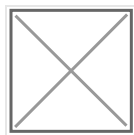
Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD43: FITC

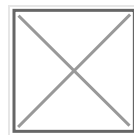


Application Data

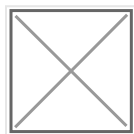
Immunofluorescence staining of human tonsil cryosection with Mouse anti Human CD43, clone DFT-1, red in A and Mouse anti Human CD21, green in B. C is the merged image with nuclei counterstained blue using DAPI. High power

**Application Data**

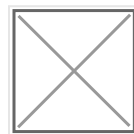
Immunoperoxidase staining of human tonsil cryosection with Mouse anti Human CD43 antibody, clone DFT-1 followed by the HISTAR detection system . Medium power

**Application Data**

Staining of human peripheral blood monocytes with Mouse anti Human CD43

**Application Data**

Staining of human peripheral blood granulocytes with Mouse anti Human CD43:Biotin

**Application Data**

Immunoperoxidase staining of human tonsil cryosection with Mouse anti Human CD43 antibody, clone DFT-1 followed by the HISTAR detection system . Low power

NCBI AND UNIPROT INFORMATION

NCBI GI #	71979937
NCBI GeneID	6693
NCBI Accession #	NP_001025459.1
NCBI GenBank Nucleotide #	NM_001030288.2
Molecular Weight	40,322 Da
NCBI Official Full Name	leukosialin
NCBI Official Synonym Full Names	sialophorin
NCBI Official Symbol	SPN
NCBI Official Synonym Symbols	LSN; CD43; GALGP; GPL115
NCBI Protein Information	leukosialin; galactoglycoprotein; leukocyte sialoglycoprotein; sialophorin (gpL115, leukosialin, CD43)
UniProt Protein Name	Leukosialin
UniProt Gene Name	SPN
UniProt Synonym Gene Names	CD43; GALGP
UniProt Entry Name	LEUK_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/cd43-antibody-clone-dft-1-immunohistochemistry-flow-cytometry-immunohistochemistry-elisa/11993>