

Rabbit CD43 Monoclonal Antibody | anti-CD43 antibody

CD43 (T-Cell Marker)

CATALOG # AAA214523	HOST Rabbit	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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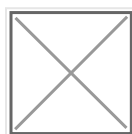
PRODUCT SYNONYMS

CD43; Monoclonal Antibody; CD43 (T-Cell Marker); Galactoglycoprotein; GALGP; GPL115; Leukocyte sialoglycoprotein; Leukosialin; LSN; Sialophorin; SPN; anti-CD43 antibody

PRODUCT SPECIFICATIONS

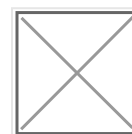
Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	SPN/2049R
Specificity	It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43. From 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors of lymphoma.
Form/Format	200ug/ml of Ab purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	400
Applicable Applications for anti-CD43 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human CD43 protein
Cellular Localization	Cell Surface
Hu-chromosome Location	16p11.2
Positive Control	Paracortex in a tonsil or a reactive lymph node
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified CD43 Rabbit Recombinant Monoclonal Antibody (SPN/2049R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Tonsil stained with CD43 Rabbit Recombinant Monoclonal Antibody (SPN/2049R).

ADDITIONAL INFORMATION

References	Stross WP, et. al. Journal of Clinical Pathology, 1989, 42(9):953-61.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71979937
NCBI GeneID	6693
NCBI Accession #	NP_001025459.1
NCBI GenBank Nucleotide #	NM_001030288.3
UniProt Accession #	P16150; A8K9B1
Molecular Weight	95; 115; 135kDa
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
UniProt Protein Name	Leukosialin
UniProt Gene Name	SPN
UniProt Synonym Gene Names	CD43; CD43ct

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-spn-2049r-immunohistochemistry-elisa/214523>