Rabbit CD43 Polyclonal Antibody | anti-SPN antibody

Anti-CD43 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45682	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunohistochemistry, Western Blot**

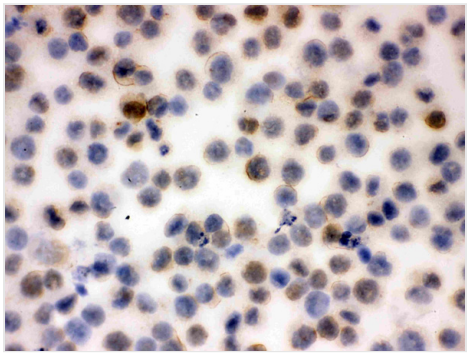
PRODUCT SYNONYMS

CD43; Polyclonal Antibody; Anti-CD43 Antibody; Leukosialin; sialophorin; CD 43 antibody; CD43 antibody; CD43 antigen antibody; Galactoglycoprotein antibody; GALGP antibody; GPL 115 antibody; GPL115 antibody; Human gene for sialophorin antibody; Leucocyte sialoglycoprotein antibody; LEUK_HUMAN antibody; Leukocyte sialoglycoprotein antibody; Leukosialin antibody; LSN antibody; Sialophorin (leukosialin) antibody; Sialophorin antibody; SPN antibody; anti-SPN antibody

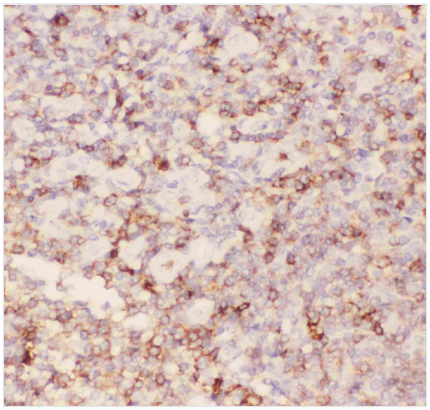
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Applicable Applications for anti-SPN antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CD43 recombinant protein (Position: A272-P400). Human CD43 shares 72% and 73% amino acid (aa) sequences identity with mouse and rat CD43, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na_2HPO_4, 0.05mg NaN_3.
Preparation and Storage	**Reconstitution:** 0.2ml of distilled water wil yield a concentration of 500ug/ml. **Storage:** At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

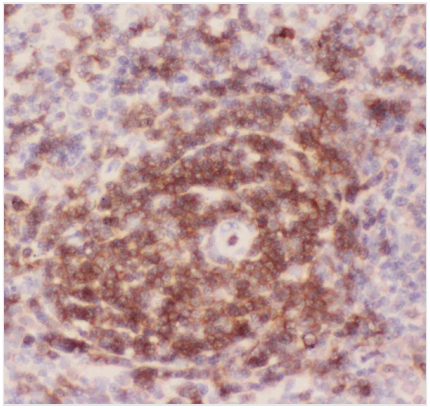
IMAGES



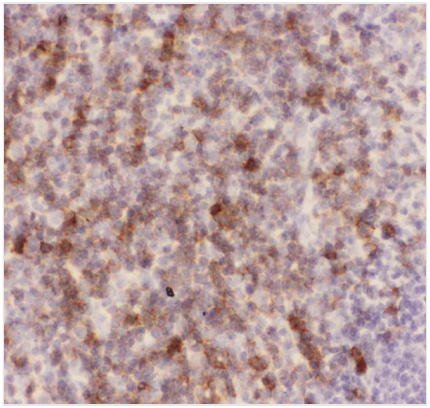
ICC (Immunocytochemistry)
Anti-CD43 Picoband antibody, AAA45682, ICCICC: K562 Cell



IHC (Immunohistochemistry)
Anti-CD43 Picoband antibody, AAA45682, IHC(P)IHC(P): Human Tonsil Tissue



IHC (Immunohistochemisry)
Anti-CD43 Picoband antibody, AAA45682, IHC(P)IHC(P): Rat Spleen Tissue



IHC (Immunohiostchemistry)
Anti-CD43 Picoband antibody, AAA45682, IHC(P)IHC(P): Mouse Spleen Tissue

WB (Western Blot)
Anti-CD43 Picoband antibody, AAA45682, Western blottingAll lanes: Anti CD43 (AAA45682) at 0.5ug/mlWB: Recombinant Human CD43 Protein 0.5ngPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-SPN antibody	CD43, also known as leukosialin or sialophorin, is a transmembrane cell surface protein that in humans is encoded by the SPN gene. It is mapped to 16p11.2. It is a major sialoglycoprotein on the surface of human T lymphocytes, monocytes, granulocytes, and some B lymphocytes, which is important for immune function and may be part of a physiologic ligand-receptor complex involved in T-cell activation. Expression of CD43 is deficient and/or defective in the X-chromosome-linked immunodeficiency disorder Wiscott-Aldrich syndrome, suggesting that CD43 have a role in T-cell activation. T-cell activation requires the removal of CD43 from the immunologic synapse to allow efficient engagement of the TCR with molecules on the APC.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126213
NCBI GeneID	6693
UniProt Accession #	P16150; A8K9B1
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/polyclonal/cd43-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45682