

Rabbit Sialoadhesin Polyclonal Antibody | anti-SIGLEC1 antibody

Sialoadhesin Antibody

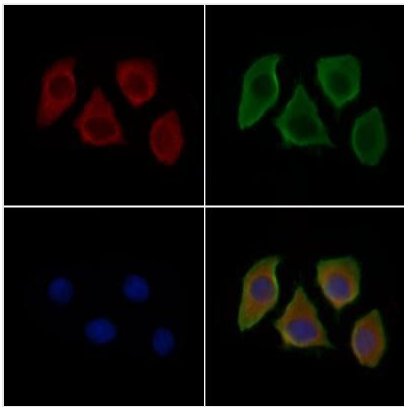
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329153	Rabbit	Human, Mouse Predicted Reactivity: Pig(86%), Sheep(86%)	ELISA

PRODUCT SYNONYMS

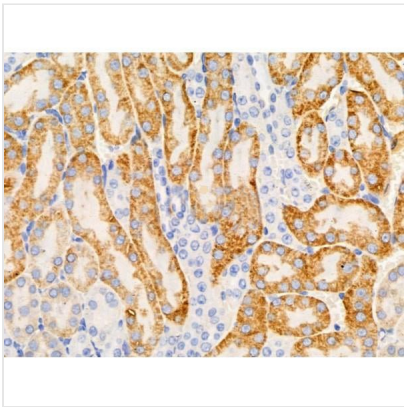
Sialoadhesin; Polyclonal Antibody; Sialoadhesin Antibody; CD169; CD169 antigen; dJ1009E24.1; DKFZp667F058; FLJ00051; FLJ00055; FLJ00073; FLJ00411; FLJ32150; Sialic acid binding Ig like lectin 1; sialic acid binding Ig-like lectin 1; sialoadhesin; Sialic acid binding immunoglobulin like lectin 1; Sialic acid-binding Ig-like lectin 1; Siglec 1; Siglec-1; Siglec1; SN; SN_HUMAN; anti-SIGLEC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig(86%), Sheep(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Sialoadhesin Antibody detects endogenous levels of total Sialoadhesin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	1649
Applicable Applications for anti-SIGLEC1 antibody	ELISA
Immunogen	A synthesized peptide derived from human Sialoadhesin, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



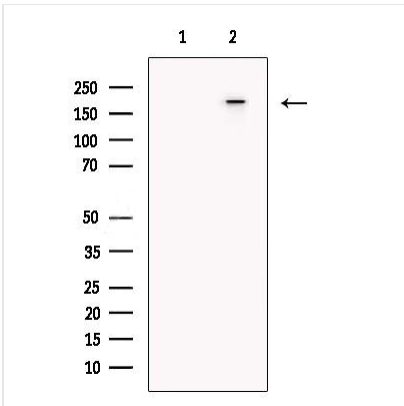
IF (Immunofluorescence)
AAA329153 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329153 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)
AAA329153 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA329153 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human Spleen, using Sialoadhesin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC1 antibody	Function: Acts as an endocytic receptor mediating clathrin dependent endocytosis. Macrophage-restricted adhesion molecule that mediates sialic-acid dependent binding to lymphocytes, including granulocytes, monocytes, natural killer cells, B-cells and CD8 T-cells. Preferentially binds to alpha-2,3-linked sialic acid (By similarity). Binds to SPN/CD43 on T-cells (By similarity). May play a role in hemopoiesis. Subcellular Location: Cell membrane>Single-pass type I membrane protein. Secreted. Tissue Specificity: Expressed by macrophages in various tissues. High levels are found in spleen, lymph node, perivascular macrophages in brain and lower levels in bone marrow, liver Kupffer cells and lamina propria of colon and lung. Also expressed by inflammatory macrophages in rheumatoid arthritis. Similarity: Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119630923
NCBI GeneID	6614

UniProt Accession #	Q9BZZ2
Molecular Weight	Observed Molecular Weight: (Observed)182kD. Predicted Molecular Weight: (Calculated)183kDa.
NCBI Official Full Name	sialic acid binding Ig-like lectin 1, sialoadhesin, isoform CRA_b, partial
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 1
NCBI Official Symbol	SIGLEC1
NCBI Official Synonym Symbols	SN; CD169; SIGLEC-1
NCBI Protein Information	sialoadhesin
UniProt Protein Name	Sialoadhesin
UniProt Gene Name	SIGLEC1
UniProt Synonym Gene Names	SN; Siglec-1
UniProt Entry Name	SN_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/sialoadhesin-antibody-elisa/329153>