Datasheet for ABIN7169553

anti-Sialoadhesin/CD169 antibody (AA 572-697)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	Sialoadhesin/CD169 (SIGLEC1)
Binding Specificity:	AA 572-697
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sialoadhesin/CD169 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Sialic acid-binding Ig-like lectin 10 protein (572-697AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Sialoadhesin/CD169 (SIGLEC1)
Alternative Name:	SIGLEC1 (SIGLEC1 Products)
Background:	Background: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site

Target Details

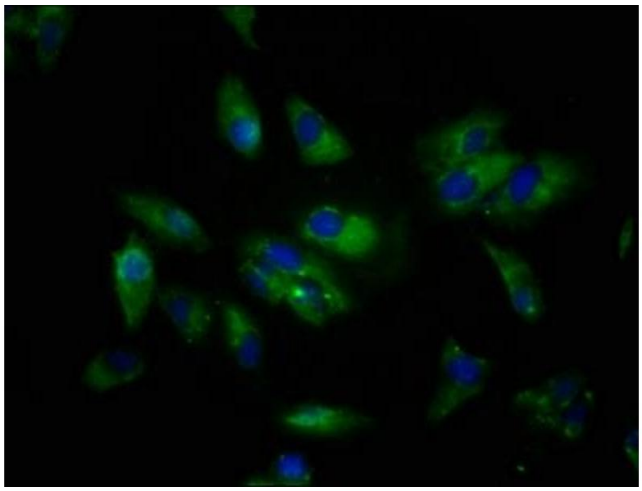
	may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Aliases: mSiglec G antibody, PRO940 antibody, Sialic acid binding Ig like lectin 10 antibody, Sialic acid binding Ig like lectin 10 antibody, sialic acid binding Ig like lectin 10 Ig like lectin 7 antibody, sialic acid binding Ig like lectin G antibody, Sialic acid binding Immunoglobulin like lectin 10 antibody, Sialic acid-binding Ig-like lectin 10 antibody, SIG10_HUMAN antibody, SIGLEC 10 antibody, Siglec G antibody, siglec like gene 2 antibody, Siglec like protein 2 antibody, Siglec like protein 2 antibody, Siglec-10 antibody, Siglec-like protein 2 antibody, SIGLEC10 antibody, Siglecg antibody, SLG2 antibody
UniProt:	Q96LC7

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

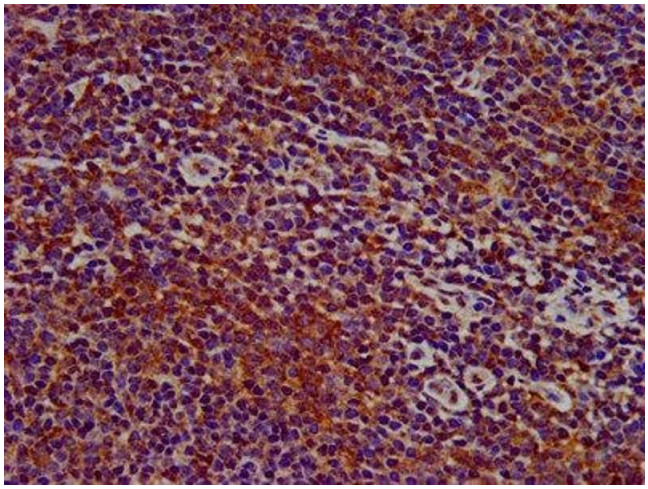
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



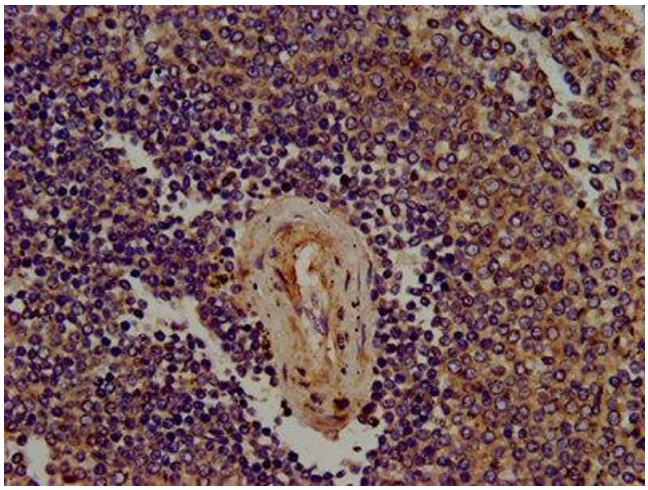
Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7169553 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7169553 diluted at 1:400 and staining in paraffin-embedded human lymph node tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 3. IHC image of ABIN7169553 diluted at 1:400 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.