

Rabbit anti-Human, Mouse SIGLEC7 Polyclonal Antibody | anti-SIGLEC7 antibody

SIGLEC7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233136	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

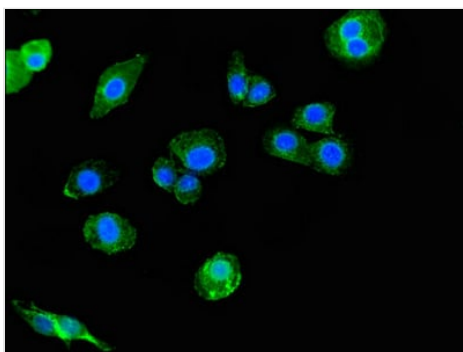
PRODUCT SYNONYMS

SIGLEC7; Polyclonal Antibody; SIGLEC7 Antibody; Sialic acid-binding Ig-like lectin 7; Siglec-7; Adhesion inhibitory receptor molecule 1; AIRM-1; CDw328; D-siglec; QA79 membrane protein; p75; CD328; AIRM1; anti-SIGLEC7 antibody

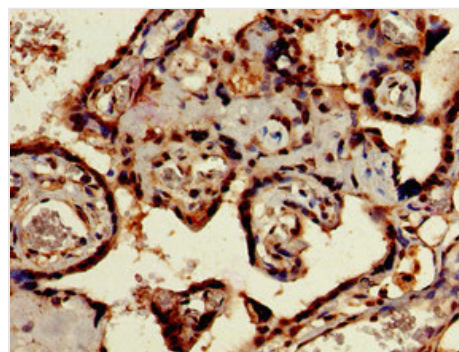
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	145
Applicable Applications for anti-SIGLEC7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sialic acid-binding Ig-like lectin 7 protein (377-467AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292452 / sc-34931 / sc-34932 / sc-34933
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

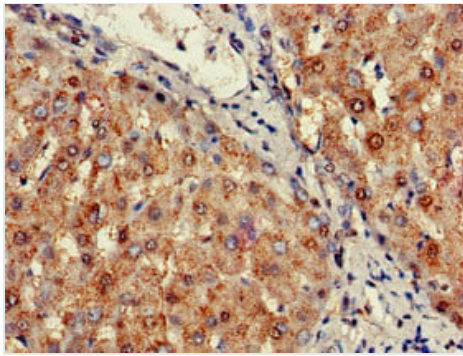
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233136 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

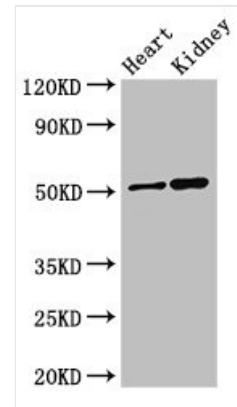

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA233136 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA233136 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Mouse heart tissue, Mouse kidney tissue. All lanes: SIGLEC7 antibody at 3 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 52, 42, 17 kDa. Observed band size: 52 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC7 antibody

Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2, 3- and alpha-2, 6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GalNAc lactotetraosylceramide). The sialic acid recognition site 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. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).

NCBI AND UNIPROT INFORMATION

NCBI GI #	469469047
NCBI GeneID	27036
NCBI Accession #	NP_001264130.1
NCBI GenBank Nucleotide #	NM_001277201.1
UniProt Accession #	Q9Y286 ; Q9NZQ1 ; Q9UJ86 ; Q9UJ87 ; Q9Y502
Molecular Weight	16,740 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 7 isoform 3
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 7
NCBI Official Symbol	SIGLEC7
NCBI Official Synonym Symbols	p75; QA79; AIRM1; CD328; CDw328; D-siglec; SIGLEC-7; SIGLECP2; SIGLEC19P; p75/AIRM1
NCBI Protein Information	sialic acid-binding Ig-like lectin 7
UniProt Protein Name	Sialic acid-binding Ig-like lectin 7
UniProt Gene Name	SIGLEC7
UniProt Synonym Gene Names	AIRM1; Siglec-7; AIRM-1
UniProt Entry Name	SIGL7_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.

