Datasheet for ABIN357151

anti-SIGLEC9 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	SIGLEC9
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human SIGLEC9.
Isotype:	Ig Fraction
Specificity:	This antibody detects SIGLEC9 at C-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	SIGLEC9
Alternative Name:	CD329 / SIGLEC9 (SIGLEC9 Products)

Target Details

Background:	SIGLEC9 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. This protein is expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils). It is found in liver, fetal liver, bone marrow, placenta, spleen and in lower levels in skeletal muscle, fetal brain, stomach, lung, thymus, prostate, brain, mammary, adrenal gland, colon, trachea, cerebellum, testis, small intestine and spinal cordon. SIGLEC9 contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.Synonyms: CDw329, FOAP-9, OBBP-like, SIGLEC-9, Sialic acid-binding Ig-like lectin 9
Molecular Weight:	50081 Da
Gene ID:	27180
NCBI Accession:	NP_055256
UniProt:	Q9Y336

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 100 - 1: 500. Immunohistochemistry 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Images

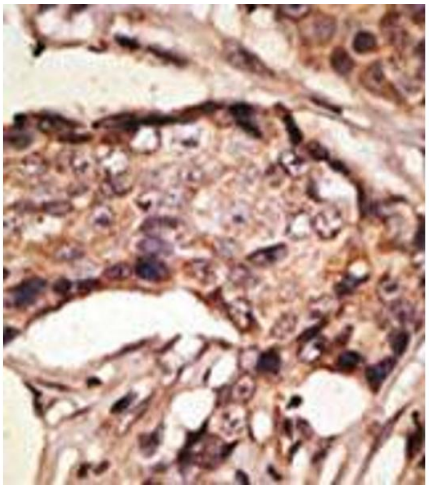

Image 1.

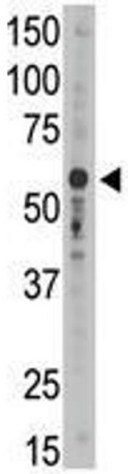

Image 2.

