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Datasheet for ABIN6951004

SIGLEC9 Protein (AA 18-348) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	SIGLEC9
Protein Characteristics:	AA 18-348
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC9 protein is labelled with His tag.

Product Details

Sequence:	AA 18-348
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	SIGLEC9
Alternative Name:	Siglec-9 (SIGLEC9 Products)
Background:	Siglec-9 (HGMW-approved symbol SIGLEC9) a member of the sialic acid-binding Ig-like lectin (Siglec) family, which belongs to the immunoglobulin superfamily (IgSF). SIGLEC9 shows a high degree of homology to many members of the siglec family, including siglec-7 (80 %), siglec-8 (72 %), siglec-5 (65 %), and CD33 (64 %). This high degree of homology is also conserved in the

Target Details

extracellular Ig-like domains. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Siglec-9 with a hydrophobic signal peptide, an N-terminal Ig-like V-type domain, two Ig-like C2-type domains, a transmembrane region and a cytoplasmic tail.

Molecular Weight: 37.9 kDa

NCBI Accession: [NP_055256](#)

Application Details

Restrictions: For Research Use only

Handling

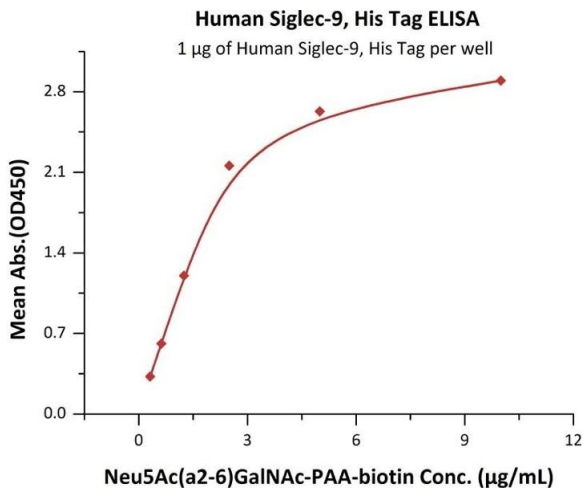
Format: Lyophilized

Buffer: 25 mM MES, 150 mM NaCl, pH 5.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

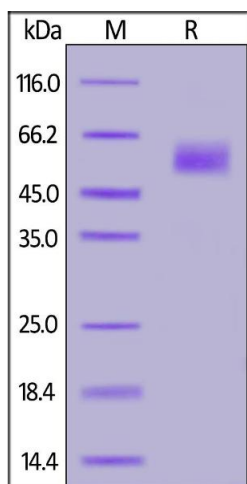
Storage: -20 °C

Validation report #104441 for Multiplex Immunohistochemistry (mIHC)



ELISA

Image 1. Immobilized Human Siglec-9, His Tag (ABIN6938927, ABIN6951004) at 10 µg/mL (100 µL/well) on Nickel Coated plate, can bind Neu5Ac(a2-6)GalNAc-n with a linear range of 0.078-2.5 µg/mL (QC tested).



SDS-PAGE

Image 2. Human Siglec-9, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .