SIGLEC1 monoclonal antibody, clone HSn 7D2

Catalog # MAB7150 Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against SIGLEC1.
Immunogen	Full length human SIGLEC1.
Host	Mouse
Reactivity	Human
Specificity	Sialoadhesin (HSn 7D2). Theoretical Molecular Weight: 183 KDa. The epitope is located within dom ains 1-4.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

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Gene Info — SIGLEC1

Entrez GeneID	6614
GeneBank Accession#	Q9BZZ2
Gene Name	SIGLEC1
Gene Alias	CD169, DKFZp667F058, FLJ00051, FLJ00055, FLJ00073, FLJ00411, FLJ32150, SIGLEC-1, SN, dJ1009E24.1
Gene Description	sialic acid binding Ig-like lectin 1, sialoadhesin
Omim ID	600751
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a lectin-like adhesion molecule that binds glycoconjugate ligands on cell surfaces in a sialic acid-depend ent manner. It is a type I transmembrane protein expressed only by a subpopulation of macrophag es and is involved in mediating cell-cell interactions. Alternative splicing produces a transcript vari ant encoding an isoform that is soluble rather than membrane-bound; however, the full-length natur e of this variant has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000030124|sialic acid-binding immunoglobulin-like lectin 1|sialoadhesin

Publication Reference

- Characterization of human sialoadhesin, a sialic acid binding receptor expressed by resident and inflammatory macrophage populations.

  Hartnell A, Steel J, Turley H, Jones M, Jackson DG, Crocker PR.

  Blood 2001 Jan; 97(1):288.

  Application: IEM, IHC-Fr, Human, Bone marrow, Colon, Livers, Lungs, Macrophages, Reactive lymph node, Spleen

- The species-specific structure of microanatomical compartments in the human spleen: strongly sialoadhesin-positive macrophages occur in the perifollicular zone, but not in the marginal zone.

  B Steiniger, P Barth, B Herbst, A Hartnell, P R Crocker.

  Immunology 1997 Oct; 92(2):307.

  Application: IHC-P, Human, Human spleen

Pathway

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- Cell adhesion molecules (CAMs)

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