ARG22859
anti-CD169 / Siglec 1 antibody [3B11/11]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [3B11/11] recognizes CD169 / Siglec 1
Tested Reactivity	Pig
Tested Application	FACS, IHC-Fr, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	3B11/11
Isotype	IgG1
Target Name	CD169 / Siglec 1
Species	Pig
Immunogen	Porcine alveolar macrophages.
Conjugation	Un-conjugated
Alternate Names	CD169; Siglec-1; dJ1009E24.1; Sialic acid-binding Ig-like lectin 1; SIGLEC-1; CD antigen CD169; SN; Sialoadhesin

Application Instructions

Application table

Application	Dilution
FACS	Neat
IHC-Fr	Assay-dependent
IP	Assay-dependent
WB	Assay-dependent

Application Note: FACS: Use 10 µl of the suggested working dilution to 10^6 cells in 100 µl.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SIGLEC1
Gene Full Name	sialic acid binding Ig-like lectin 1, sialoadhesin
Background	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-dependent manner. It is a type I transmembrane protein expressed only by a subpopulation of macrophages and is involved in mediating cell-cell interactions. Alternative splicing produces a transcript variant encoding an isoform that is soluble rather than membrane-bound; however, the full-length nature of this variant has not been determined. [provided by RefSeq, Jul 2008]
Function	Acts as an endocytic receptor mediating clathrin dependent endocytosis. Macrophage-restricted adhesion molecule that mediates sialic-acid dependent binding to lymphocytes, including granulocytes, monocytes, natural killer cells, B-cells and CD8 T-cells. Preferentially binds to alpha-2,3-linked sialic acid (By similarity). Binds to SPN/CD43 on T-cells (By similarity). May play a role in hemopoiesis. [UniProt]
Calculated Mw	183 kDa