

ARG43843 anti-CLEC4D antibody [9B9]

Package: 100 µg
Store at: 4°C

Summary

Product Description	Mouse Monoclonal antibody recognizes CLEC4D.
Tested Reactivity	Hu
Predict Reactivity	NHuPrm
Tested Application	ELISA, FACS, IP
Host	Mouse
Clonality	Monoclonal
Clone	9B9
Isotype	IgG2b kappa
Target Name	CLEC4D
Species	Human
Immunogen	CLEC4D ectodomain fused with human Fc
Conjugation	Un-conjugated
Alternate Names	CLEC4D; C-Type Lectin Domain Family 4 Member D; Dectin-3; MCL; CLECSF8; CD368; C-Type (Calcium Dependent, Carbohydrate-Recognition Domain) Lectin, Superfamily Member 8; Dendritic Cell-Associated C-Type Lectin 3; C-Type Lectin Superfamily Member 8; C-Type Lectin-Like Receptor 6; DC-Associated C-Type Lectin 3; Dectin 3; CLEC-6; Mpcl; C-Type Lectin Domain Family 4, Member D; Macrophage C-Type Lectin; C-Type Lectin Receptor; CD368 Antigen; CLEC6; MPCL

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	1-5 µg/ml
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

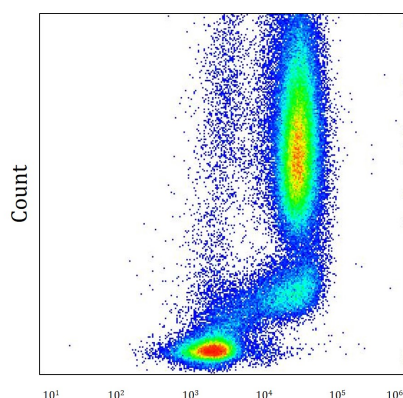
Form	Liquid
Purification	Protein-A affinity chromatography
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml

Storage instruction	Aliquot and store in the dark at 4°C. Keep protected from prolonged exposure to light. Do not freeze. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
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Bioinformation

Gene Symbol	CLEC4D
Gene Full Name	C-Type Lectin Domain Family 4 Member D
Background	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]
Function	Calcium-dependent lectin that acts as a pattern recognition receptor (PRR) of the innate immune system: recognizes damage-associated molecular patterns (DAMPs) of pathogen-associated molecular patterns (PAMPs) of bacteria and fungi.
Calculated Mw	25 kDa
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell membrane

Images



ARG43843 anti-CLEC4D antibody [9B9] FACS image

Flow Cytometry: Human peripheral whole blood stained with ARG43843 anti-CLEC4D antibody [9B9] at 5 µg/ml.