

ARG45964 anti-CLEC12A antibody [50C1]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [50C1] recognizes CLEC12A
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	50C1
Isotype	IgG2a
Target Name	CLEC12A
Species	Human
Immunogen	293T cells expressing human CLEC12A
Alternate Names	CLEC12A; C-type lectin domain family 12, member A; Dendritic cell-associated lectin 2; C-type lectin domain family 12 member A; Myeloid inhibitory C-type lectin-like receptor; DCAL-2; C-type lectin-like molecule 1; MICL; CD371; CLL-1; CLL1

Application Instructions

Application table	Application	Dilution
	FACS	1-5 µg/ml
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 and 15 mM Sodium azide.
Preservative	15 mM 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	CLEC12A
Gene Full Name	C-type lectin domain family 12, member A
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 signaling, glycoprotein turnover, and roles in inflammation and immune response. The protein encoded by this gene is a negative regulator of granulocyte and monocyte function. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. This gene is closely linked to other CTL/CTLD superfamily members in the natural killer gene complex region on chromosome 12p13. [provided by RefSeq, May 2011]
Function	Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases. [UniProt]
PTM	Highly N-glycosylated. Glycosylation varies between cell types. [UniProt]
Cellular Localization	Cell membrane; Single-pass type II membrane protein. Note=Ligand binding leads to internalization. [UniProt]