

ARG44645
anti-COLEC12 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes COLEC12
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	COLEC12
Species	Human
Conjugation	Un-conjugated
Alternate Names	COLEC12; Collectin Subfamily Member 12; SCARA4; SRCL; CL-P1; Scavenger Receptor With C-Type Lectin; Nurse Cell Scavenger Receptor 2; Collectin Placenta Protein 1; Collectin-12; HCL-P1; CLP1; NSR2; Scavenger Receptor Class A, Member 4; Scavenger Receptor Class A Member 4; Collectin Sub-Family Member 12

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

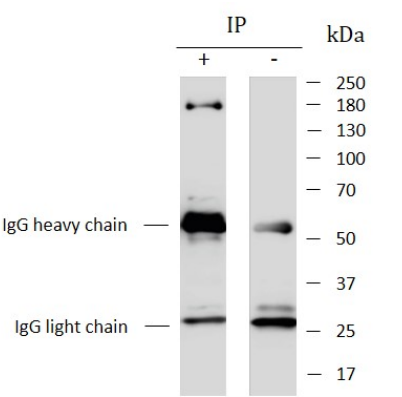
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is 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	COLEC12
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Gene Full Name	Collectin Subfamily Member 12
Background	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells. [provided by RefSeq, May 2018]
Function	Scavenger receptor that displays several functions associated with host defense. Promotes binding and phagocytosis of Gram-positive, Gram-negative bacteria and yeast. Mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells. Binds to several carbohydrates including Gal-type ligands, D-galactose, L- and D-fucose, GalNAc, T and Tn antigens in a calcium-dependent manner and internalizes specifically GalNAc in nurse-like cells. Binds also to sialyl Lewis X or a trisaccharide and asialo-orosomucoid (ASOR). May also play a role in the clearance of amyloid-beta in Alzheimer disease. [UniProt]
PTM	Disulfide bond, Glycoprotein. [UniProt]
Cellular Localization	Membrane. [UniProt]

Images



ARG44645 anti-COLEC12 antibody IP image

Immunoprecipitation: Raji lysate immunoprecipitated with 2.5 µg of ARG44645 anti-COLEC12 antibody.