antibodies - online.com







anti-CLEC7A antibody

Images



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Alternative Name:

Quantity:	0.1 mg	
Target:	CLEC7A	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This CLEC7A antibody is un-conjugated	
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))	
Product Details		
Immunogen:	Extracellular part of human CD369 with hIgG FC tag	
Clone:	15E2	
Isotype:	IgG2a kappa	
Specificity:	The mouse monoclonal antibody 15E2 recognizes an extracellular epitope LWEDGSTFSSN of human CD369 (Dectin-1), a 33 kDa transmembrane glycoprotein expressed predominantly on dendritic cells.	
Purification:	Purified by protein-A affinity chromatography.	
Target Details		
Target:	CLEC7A	

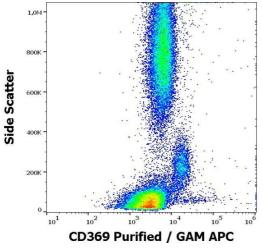
CD369 (CLEC7A Products)

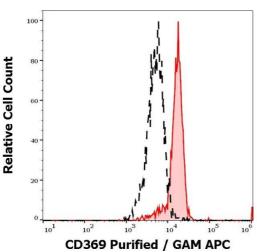
Target Details

Storage Comment:

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Background:	C-type lectin domain containing 7A,CD369 (dectin-1, beta-glucan receptor) is a 33 kDa type II transmembrane glycoprotein of lectin family, and serves as a part of innate immunity system by binding to beta-glucan polymers, which are typical for yeast and mycobacterial cell walls. CD369 is expressed predominantly on dendritic cells, but it can be detected also on monocytes, macrophages, mast cells, eosinophils, B cells, endothelial cells, and sometimes also on some T cell subsets.,Dectin-1, CLEC7A, BGR, CANDF4, SCARE2	
Gene ID:	64581	
UniProt:	Q9BXN2	
Pathways:	Activation of Innate immune Response	
Application Details		
Application Notes:	Flow cytometry: Recommended dilution: 2-5 μg/mL.	
Restrictions:	For Research Use only	
Handling		
Concentration:	1 mg/mL	
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C	

Store at 2-8°C. Do not freeze.





Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD369 (15E2) purified antibody (concentration in sample 1,7 μ g/mL, GAM APC).

Flow Cytometry

Image 2. Separation of monocytes stained anti-human CD369 (15E2) purified antibody (concentration in sample 1,7 μg/mL, GAM APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).