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Datasheet for ABIN7193336 anti-CLEC7A antibody (AA 66-247)

5 Images



Overview

Quantity:	0.1 mg
Target:	CLEC7A
Binding Specificity:	AA 66-247
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLEC7A antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

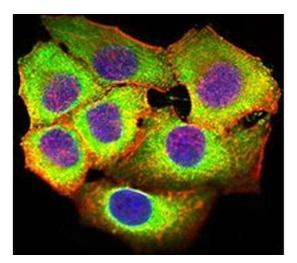
Immunogen:	Purified recombinant fragment of human CD369 (AA: extra 66-247) expressed in E. coli.
Clone:	4G2G6
Isotype:	lgG1
Purification:	purified

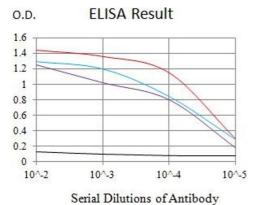
Target Details

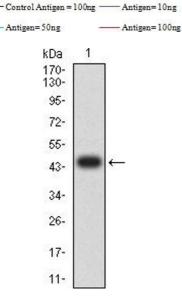
Target:	CLEC7A
Alternative Name:	CD369 (CLEC7A Products)
Background:	Description: This gene encodes a member of the C-type lectin/C-type lectin-like domain

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	(CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with
	an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an
	immunoreceptor tyrosine-based activation motif. It functions as a pattern-recognition receptor
	that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants,
	and in this way plays a role in innate immune response. Alternate transcriptional splice variants,
	encoding different isoforms, have been characterized. This gene is closely linked to other
	CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex
	region.
	Aliases: CLEC7A, BGR, CANDF4, SCARE2, DECTIN1, CLECSF12
Molecular Weight:	27.6 kDa
Gene ID:	64581
Pathways:	Activation of Innate immune Response
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A, ICC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Buffer:	Purified antibody in PBS with 0.05 % 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/-20 °C
Storage Comment:	4°C, -20°C for long term storage







Immunofluorescence

Image 1. Immunofluorescence analysis of Hela cells using CD369 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using CD369 mAb against human CD369 (AA: extra 66-247) recombinant protein. (Expected MW is 46.5 kDa)

Please check the product details page for more images. Overall 5 images are available for ABIN7193336.

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