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Datasheet for ABIN1724888 anti-CD22 antibody (AA 621-725)

8 Images

2 Publications



Overview

Quantity:	0.1 mg
Target:	CD22
Binding Specificity:	AA 621-725
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD22 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD22 (AA: 621-725) expressed in E. coli.
Clone:	2H1C4
Isotype:	lgG1
Purification:	purified

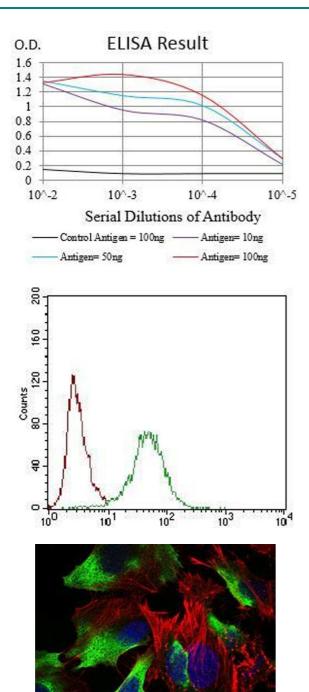
Target Details

Target:	CD22
Alternative Name:	CD22 (CD22 Products)
Background:	Description: CD22 may be involved in the localization of B-cells in lymphoid tissues. Binds

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	sialylated glycoproteins, one of which is CD45. Preferentially binds to alpha-2,6-linked sialic
	acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the
	same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response
	seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive
	regulation through interaction with Src family tyrosine kinases and may also act as an inhibitor
	receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal
	transduction through dephosphorylation of signaling molecules ,
	Aliases: SIGLEC2, SIGLEC-2
Molecular Weight:	95.3 kDa
	90.0 KDa
Gene ID:	933
HGNC:	933
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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
Publications	
Product cited in:	
Product cited in:	Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara,
Product cited in:	Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara, Hasegawa, Enohara, Kimura, Iyo, Hashimoto: "Decreased serum levels of mature brain-derived
Product cited in:	

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ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using CD22 mouse mAb (green) and negative control (red).

Immunofluorescence

Image 3. Immunofluorescence analysis of Hela cells using CD22 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Please check the product details page for more images. Overall 8 images are available for ABIN1724888.

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