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Datasheet for ABIN740522

anti-CLEC7A antibody (AA 41-140) (Biotin)



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Quantity:	100 μL	
Target:	CLEC7A	
Binding Specificity:	AA 41-140	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CLEC7A antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Beta-glucan receptor	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	CLEC7A	
Alternative Name:	beta Glucan Receptor (CLEC7A Products)	
Background:	Synonyms: BGR, CD369, CANDF4, DECTIN1, CLECSF12, C-type lectin domain family 7 me	
	A, Beta-glucan receptor, C-type lectin superfamily member 12, Dendritic cell-associated C-type	

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	lectin 1, DC-associated C-type lectin 1, Dectin-1, CLEC7A, UNQ539/PR01082
	Background: Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-
	linked glucans, such as cell wall constituents from pathogenic bacteria and fungi. Necessary for
	the TLR2-mediated inflammatory response and for TLR2-mediated activation of NF-kappa-B.
	Enhances cytokine production in macrophages and dendritic cells. Mediates production of
	reactive oxygen species in the cell. Mediates phagocytosis of C.albicans conidia. Binds T-cells
	in a way that does not involve their surface glycans and plays a role in T-cell activation.
	Stimulates T-cell proliferation (By similarity).
Gene ID:	64581
UniProt:	Q9BXN2
Pathways:	Activation of Innate immune Response
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months