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CLEC9A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17684c

Product Information

Application	WB, E
Primary Accession	Q6UXN8
Other Accession	NP_997228.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37676
Calculated MW	27324
Antigen Region	146-173

Additional Information

Gene ID	283420
Other Names	C-type lectin domain family 9 member A, CLEC9A
Target/Specificity	This CLEC9A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-173 amino acids from the Central region of human CLEC9A.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CLEC9A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLEC9A
Function	Functions as an endocytic receptor on a small subset of myeloid cells specialized for the uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed

	when cell membranes are damaged, and mediate the cross-presentation of dead-cell associated antigens in a Syk-dependent manner.
Cellular Location	Membrane; Single- pass type II membrane protein
Tissue Location	In peripheral blood highly restricted on the surface of BDCA31(+) dendritic cells and on a small subset of CD14(+) and CD16(-) monocytes.

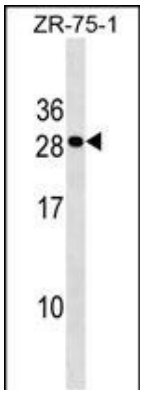
Background

CLEC9A is a group V C-type lectin-like receptor (CTLR) that functions as an activation receptor and is expressed on myeloid lineage cells (Huysamen et al., 2008 [PubMed 18408006]).

References

Poulin, L.F., et al. J. Exp. Med. 207(6):1261-1271(2010)
Sancho, D., et al. Nature 458(7240):899-903(2009)
Caminschi, I., et al. Blood 112(8):3264-3273(2008)
Huysamen, C., et al. J. Biol. Chem. 283(24):16693-16701(2008)
Sancho, D., et al. J. Clin. Invest. 118(6):2098-2110(2008)

Images



CLEC9A Antibody (Center) (Cat. #AP17684c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the CLEC9A antibody detected the CLEC9A protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.