

CLEC9A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17684c

Product Information

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|-------------------|-----------------------------|
| 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

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|--------------------|--|
| 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

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|----------|--|
| 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.

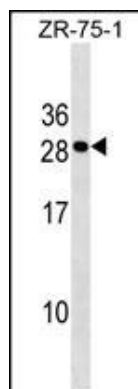
Background

CLEC9A is a group V C-type lectin-like receptor (CLR) 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'.