

CLEC9A Rabbit pAb

Catalog # AP96748

Product Information

Application	WB
Primary Accession	Q8BRU4
Other Accession	Q8BRU4
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27014
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CLEC9A
Epitope Specificity	1-100/238
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 C-type lectin domain.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily consists of a variety of proteins that share a common protein fold and have diverse functions, including cell-cell signaling, cell adhesion, glycoprotein turnover and immune responses. CLEC-9A (C-type lectin domain family 9 member A), also known as DNGR1 (dendritic cell natural killer lectin group receptor 1), is a 241 amino acid single-pass type II membrane protein that contains one C-type lectin domain and belongs to the CTL/CTLD superfamily. Expressed in myeloid lineage cells, brain, spleen and thymus, CLEC-9A is a group V C-type lectin-like receptor (CTLR) that acts as an activation receptor. The gene encoding CLEC-9A maps to human chromosome 12p13.2 and mouse chromosome 6 F3.

Additional Information

Gene ID	232414
Other Names	9830005G06Rik; DNGR-1; CLC9A_MOUSE; Clec9a; Dendritic cell natural killer lectin group receptor 1; CD370; DNGR1; UNQ9341; C-type lectin domain containing 9A; C-type lectin domain family 9, member A; C-type lectin domain family 9 member A
Dilution	WB=1:500-2000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Protein Information

Name	Clec9a
Synonyms	Dngr-1
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	Isoform 4 expressed at high levels by CD8(+) dendritic cells (DCs), and at low levels by plasmacytoid DCs but not by other hematopoietic cells.

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