

For Research Use Only

CLEC9A Polyclonal antibody, PBS Only

Catalog Number: 55451-1-PBS



Basic Information

Catalog Number:

55451-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_207345

GeneID (NCBI):

283420

UNIPROT ID:

Q6UXN8

Full Name:

C-type lectin domain family 9, member A

Calculated MW:

27 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human

Background Information

CLEC9A (C-type lectin domain family 9 member A), also known as DNGR1, CD370, is a type II membrane protein that contains C-type lectin domain. The C-type lectin domain family members share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. Mouse Clec9A is primarily restricted to dendritic cells (DCs) and selectively expressed in mouse CD8+ conventional DCs (cDCs) and plasmacytoid DCs (pDCs), whereas human CLEC9A is also expressed on human DC subtypes. CLEC9A functions as an activating receptor that recruits Syk kinase and can induce the production of proinflammatory cytokines. (PMID: 25553393; PMID: 15476922; PMID: 18669894; PMID: 18408006)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

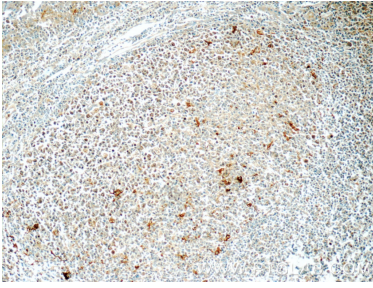
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

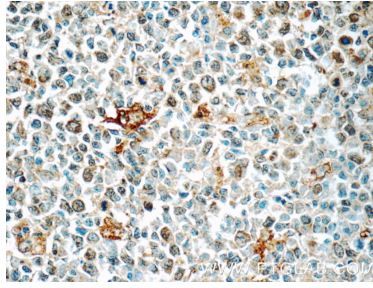
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55451-1-AP (CLEC9A Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 55451-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55451-1-AP (CLEC9A Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55451-1-PBS in a different storage buffer formulation.