

For Research Use Only

CLEC9A Polyclonal antibody

Catalog Number: 55451-1-AP



Basic Information

Catalog Number:

55451-1-AP

Size:

1000 ug/ml

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

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human tonsillitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

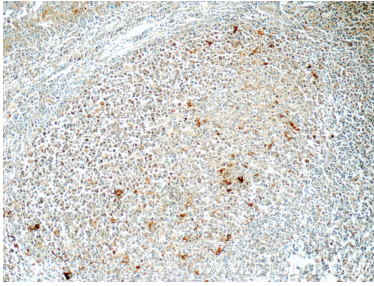
T: 4006900926

E: Proteintech-CN@ptglab.com

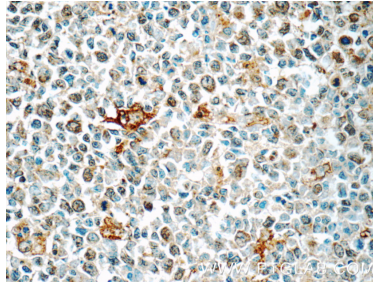
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55451-1-AP (CLEC9A Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55451-1-AP (CLEC9A Antibody) at dilution of 1:50 (under 40x lens).