

For Research Use Only

CLEC1A Polyclonal antibody

Catalog Number: 13394-1-AP

2 Publications



Basic Information

Catalog Number:

13394-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4058

GenBank Accession Number:

BC039072

GeneID (NCBI):

51267

UNIPROT ID:

Q8NC01

Full Name:

C-type lectin domain family 1, member A

Calculated MW:

280 aa, 32 kDa

Observed MW:

50 kDa, 32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

WB: mouse lung tissue, mouse thymus tissue, rat lung tissue

IHC: mouse lung tissue, human lung cancer tissue

Background Information

CLEC1A (C-type lectin domain family 1 member A) is a single-pass type II membrane protein that contains one C-type lectin domain. Members of the C-type lectin domain family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. CLEC1A is expressed preferentially in dendritic cells and plays a role in regulating dendritic cell function (PMID: 10671229).

Notable Publications

Author	Pubmed ID	Journal	Application
Guoqiang Zhu	34043748	Invest Ophthalmol Vis Sci	IF
Wei Jiang	39148004	EMBO Mol Med	

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

*** 20ul sizes contain 0.1% BSA

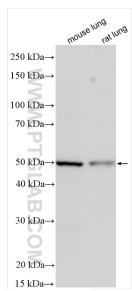
For technical support and original validation data for this product please contact:

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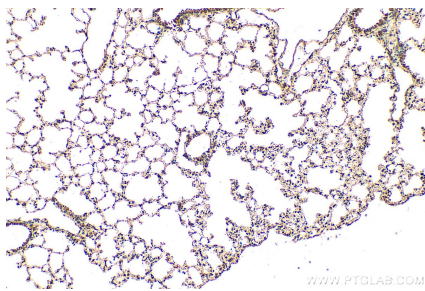
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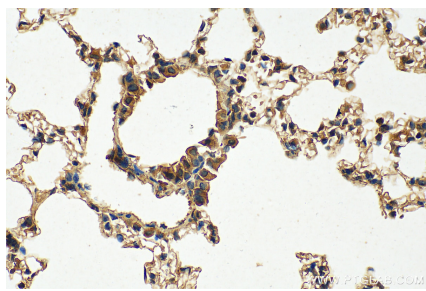
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13394-1-AP (CLEC1A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13394-1-AP (CLEC1A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13394-1-AP (CLEC1A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).