

For Research Use Only

# CLEC5A Polyclonal antibody, PBS Only

Catalog Number: 18248-1-PBS



## Basic Information

Catalog Number:

18248-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13025

GenBank Accession Number:

BC112099

GeneID (NCBI):

23601

UNIPROT ID:

Q9NY25

Full Name:

C-type lectin domain family 5, member A

Calculated MW:

188 aa, 22 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

C-type lectin domain family 5 member A (CLEC5A, also known as CLECSF5 and MDL1) is a spleen tyrosine kinase (Syk)-coupled receptor abundantly expressed by monocytes, macrophages and neutrophils (PMID: 10449773). It has a pivotal function in activating multiple aspects of innate immunity against bacterial invasion (PMID: 28824166). Both in vitro and in vivo evidence supported that CLEC5A was involved in glioblastoma pathogenesis via regulation of PI3K/Akt pathway (PMID: 30834619). It appeared as a protein band of ~36 kDa because of glycosylation, while its predicted molecular weight is 22 kDa (PMID: 25877931; 19074552).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

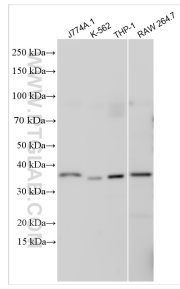
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18248-1-AP (CLEC5A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18248-1-PBS in a different storage buffer formulation.