

For Research Use Only

CLEC5A Recombinant monoclonal antibody

Catalog Number: 86633-2-RR



Basic Information

Catalog Number:
86633-2-RR

Source:
Rabbit

Isotype:
IgG

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:
22 kDa

Purification Method:
Protein A purification

CloneNo.:
251734A11

Recommended Dilutions:
WB: 1:1000-1:6000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : U-251 cells, U-87 MG cells, THP-1 cells, K-562 cells

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).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

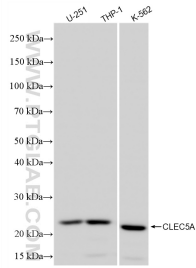
T: 4006900926

E: Proteintech-CN@ptglab.com

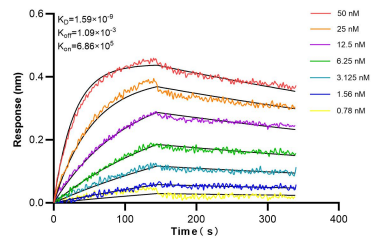
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86633-2-RR (CLEC5A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86633-2-RR against Human CLEC5A were performed. The affinity constant is 1.59 nM.