

CLEC14A Polyclonal antibody

Catalog Number: 23964-1-AP

1 Publications

Basic Information

Catalog Number:

23964-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21081

GenBank Accession Number:

BC031567

GeneID (NCBI):

161198

UNIPROT ID:

Q86T13

Full Name:

C-type lectin domain family 14, member A

Calculated MW:

490 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

FC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: mouse brain tissue, mouse skeletal muscle tissue, human heart tissue, rat brain tissue

Background Information

CLEC14A is a single-pass type I transmembrane protein whose extracellular domain consists of a C-type lectin-like domain (CTLD), a series of EGF-like domains, and a sushi-like domain (PMID: 23644659). CLEC14A is a member of the C-type lectin domain superfamily that also includes endosialin, thrombomodulin and CD93 (PMID: 16336259). It has been reported that CLEC14A is specifically expressed in endothelial cells and mediates cell to cell adhesion (PMID: 21095181). CLEC14A may be involved in tumor angiogenesis (PMID: 21706054; 23644659).

Notable Publications

Author	Pubmed ID	Journal	Application
Zeyu Su	34107098	FASEB J	WB, IHC

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

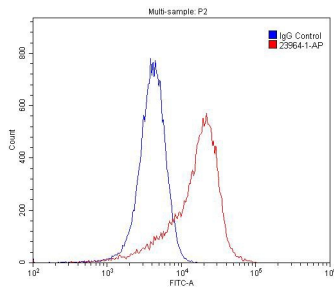
For technical support and original validation data for this product please contact:

T: 4006900926

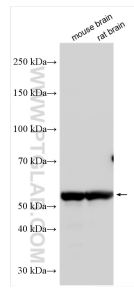
E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



1X10⁶ HUVEC cells were stained with 0.2ug CLEC14A antibody (23964-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Various lysates were subjected to SDS PAGE followed by western blot with 23964-1-AP (CLEC14A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.