

For Research Use Only

CLEC14A Recombinant antibody

Catalog Number: 84327-1-RR



Basic Information

Catalog Number: 84327-1-RR	GenBank Accession Number: BC031567	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 161198	CloneNo.: 241206D3
Source: Rabbit	UNIPROT ID: Q86T13	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: C-type lectin domain family 14, member A	
Immunogen Catalog Number: AG21081	Calculated MW: 490 aa, 52 kDa	
	Observed MW: 52 kDa, 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, HUVEC cells, mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

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).

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:

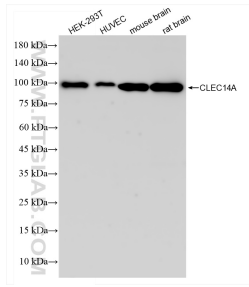
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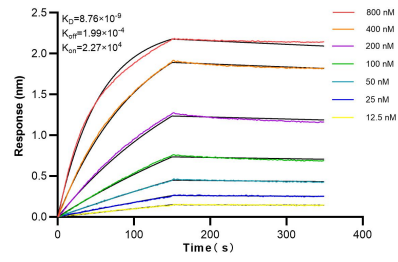
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84327-1-RR (CLEC14A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84327-1-RR against Human CLEC14A were performed. The affinity constant is 8.76 nM.