

For Research Use Only

C9orf89 Recombinant antibody

Catalog Number: 85357-1-RR



Basic Information

Catalog Number: 85357-1-RR	GenBank Accession Number: BC004500	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84270	CloneNo.: 242638F7
Source: Rabbit	UNIPROT ID: Q96LW7	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:250-1:1000
Isotype: IgG	Full Name: chromosome 9 open reading frame 89	
Immunogen Catalog Number: AG14084	Calculated MW: 228 aa, 26 kDa	
	Observed MW: 15-21 kDa	

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, A549 cells, C2C12 cells, H9C2 cells, rat kidney tissue, mouse kidney tissue, human placenta tissue

IF/ICC : A431 cells,

Background Information

C9orf89 (also known as CARD19 or BinCARD) is a mitochondria-localized protein that inhibits BCL10-induced NF- κ B activation mainly through its caspase recruitment structural domain (CARD). It plays a role in T cell receptor (TCR) signaling, but deletion of endogenous CARD19 has a lesser effect on Bcl10-dependent NF- κ B activation. In addition, C9orf89 is expressed in multiple cell types and is involved in the regulation of inflammatory and immune responses.

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

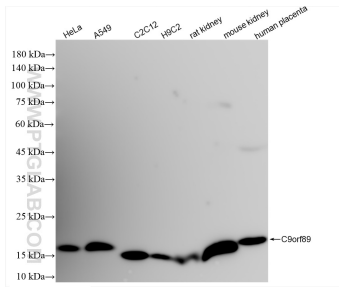
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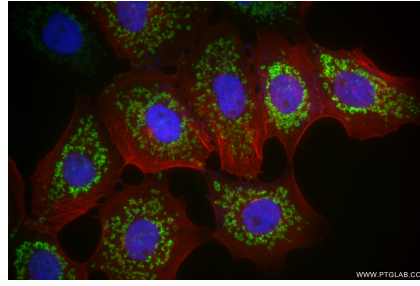
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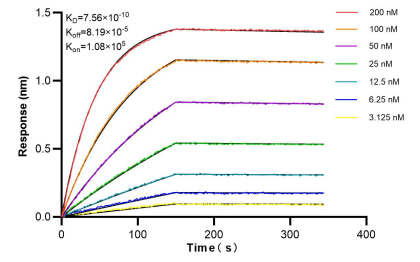
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85357-1-RR (C9orf89 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using C9orf89 antibody (85357-1-RR, Clone: 242638F7) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biacore kinetic assays of 85357-1-RR against Human C9orf89 were performed. The affinity constant is 0.756 nM.