

For Research Use Only

C9orf89 Recombinant antibody, PBS Only

Catalog Number: 85357-1-PBS



Basic Information

Catalog Number: 85357-1-PBS	GenBank Accession Number: BC004500	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 84270	CloneNo.: 242638F7
Source: Rabbit	UNIPROT ID: Q96LW7	
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, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -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:

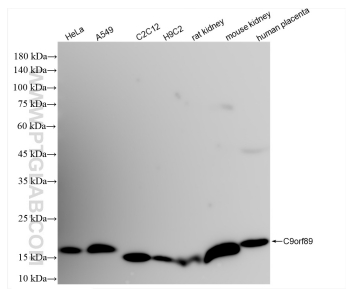
T: 4006900926

E: Proteintech-CN@ptglab.com

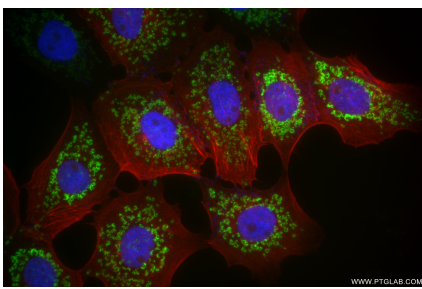
W: ptgcn.com

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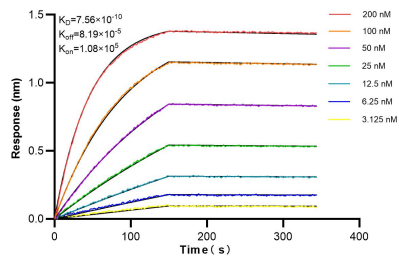
Selected Validation Data



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. This data was developed using the same antibody clone with 85357-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85357-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85357-1-RR against Human C9orf89 were performed. The affinity constant is 0.756 nM.