C9orf89 Recombinant antibody, PBS Only

Catalog Number:85357-1-PBS

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Basic Information

Catalog Number:	85357-1-PBS
Size:	100ug , Concentration: 1 mg/ml by Nanodrop;
Source:	Rabbit
Isotype:	IgG
Immunogen Catalog Number:	AG14084

GenBank Accession Number:	BC004500
GeneID (NCBI):	84270
UNIPROT ID:	Q96LW7
Full Name:	chromosome 9 open reading frame 89
Calculated MW:	228 aa, 26 kDa
Observed MW:	15-21 kDa

Purification Method:	Protein A purification
CloneNo.:	242638F7

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-κB 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-κB activation. In addition, C9orf89 is expressed in multiple cell types and is involved in the regulation of inflammatory and immune responses.
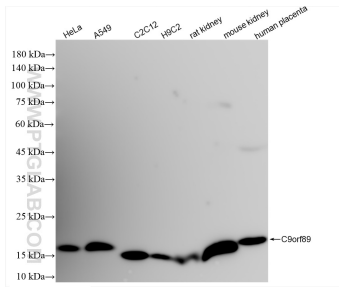
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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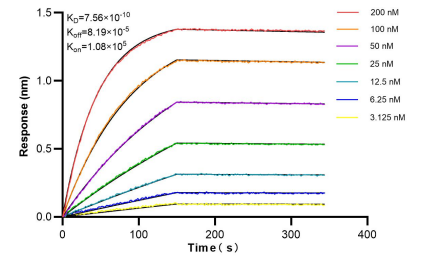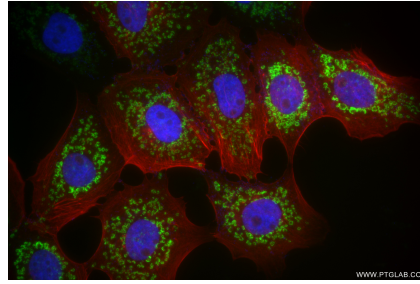
Biolayer interferometry (BLI) kinetic assays of 85357-1-RR against Human C9orf89 were performed. The affinity constant is 0.756 nM.