

For Research Use Only

Neurogranin Recombinant antibody, PBS Only



Catalog Number: 83593-5-PBS

Basic Information

Catalog Number: 83593-5-PBS	GenBank Accession Number: BC002835	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4900	CloneNo.: 240526B9
Source: Rabbit	UNIPROT ID: Q92686	
Isotype: IgG	Full Name: neurogranin (protein kinase C substrate, RC3)	
Immunogen Catalog Number: AG0676	Calculated MW: 7.6 kDa	

Applications

Tested Applications:
WB, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

Background Information

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:

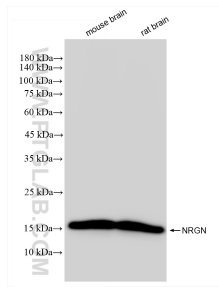
T: 4006900926

E: Proteintech-CN@ptglab.com

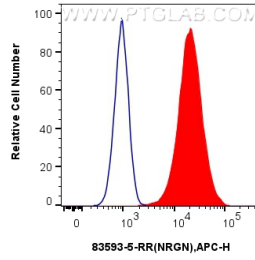
W: ptgcn.com

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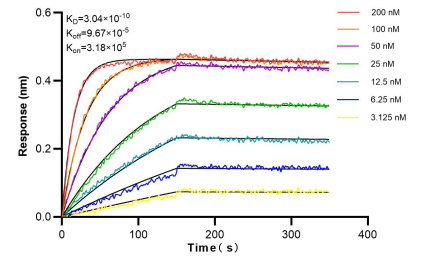
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83593-5-RR (NRGN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83593-5-PBS in a different storage buffer formulation.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug NRG1 Recombinant antibody (83593-5-RR, Clone:240526B9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83593-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83593-5-RR against Human NRG1 were performed. The affinity constant is 0.304 nM.