

For Research Use Only

CACNB3 Recombinant antibody, PBS Only

Catalog Number: 84762-4-PBS



Basic Information

Catalog Number: 84762-4-PBS	GenBank Accession Number: NM_000725.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 784	CloneNo.: 242088E4
Source: Rabbit	UNIPROT ID: P54284	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, beta 3 subunit	
Immunogen Catalog Number: AG35651	Calculated MW: 55kDa 484aa	

Applications

Tested Applications:
IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

CACNB3, also known as CACNLB3, is a voltage-gated Ca²⁺ channel subunit. It has 5 isoforms and may play a role in the regulation of transcription factors and calcium transport.

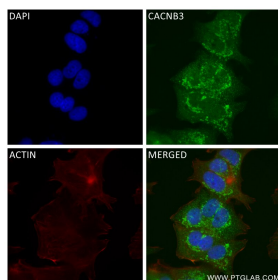
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

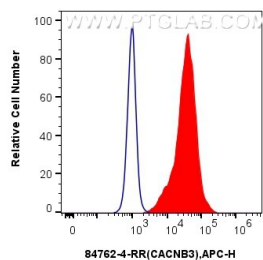
For technical support and original validation data for this product please contact:
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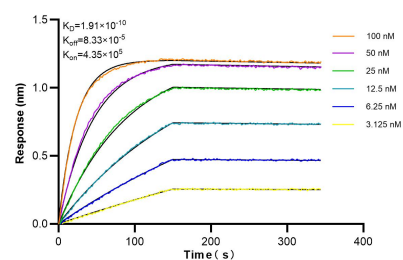
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CACNB3 antibody (84762-4-RR, Clone: 242088E4) at dilution of 1:250 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 84762-4-PBS in a different storage buffer formulation.



1x10⁶ SKOV-3 cells were intracellularly stained with 0.25 ug CACNB3 Recombinant antibody (84762-4-RR, Clone:242088E4) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same



Biolayer interferometry (BLI) kinetic assays of 84762-4-RR against Human CACNB3 were performed. The affinity constant is 0.191 nM.