

For Research Use Only

NLRP10 Recombinant antibody

Catalog Number: 83131-8-RR



Basic Information

Catalog Number: 83131-8-RR	GenBank Accession Number: BC104957	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 338322	CloneNo.: 230402C1
Source: Rabbit	UNIPROT ID: Q86W26	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: NLR family, pyrin domain containing 10	
Immunogen Catalog Number: AG26402	Calculated MW: 655 aa, 75 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : mouse heart tissue,
Species Specificity: human, mouse	

Background Information

NLRP10 is a member of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). NLRP10 likely plays a regulatory role in the innate immune system. The protein belongs to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5.

Storage

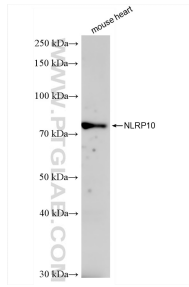
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

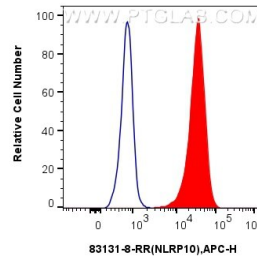
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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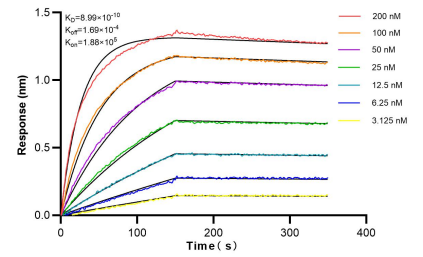
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 83131-8-RR (NLRP10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug Nlrp10 Recombinant Antibody (83131-8-RR, Clone:230402C1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 83131-8-RR against Human NLRP10 were performed. The affinity constant is 0.899 nM.