

For Research Use Only

C6orf130 Recombinant antibody

Catalog Number: 83500-4-RR



Basic Information

Catalog Number: 83500-4-RR	GenBank Accession Number: BC011709	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 221443	CloneNo.: 240455D7
Source: Rabbit	UNIPROT ID: Q9Y530	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: chromosome 6 open reading frame 130	
Immunogen Catalog Number: AG19341	Calculated MW: 152 aa, 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : LNCaP cells, HeLa cells, HCT 116 cells
Species Specificity: human	

Background Information

OARD1 (O-acetyl-ADP-ribose deacetylase 1), also known as TARG1 (Terminal ADP-ribose protein glycohydrolase 1) and C6orf130, is a ADP-ribose glycohydrolase that hydrolyzes ADP-ribose and acts on different substrates, such as proteins ADP-ribosylated on glutamate and O-acetyl-ADP-D-ribose (PMID: 21849506; 23474714; 23481255). The MW of this protein is 17 kDa, and this antibody specially recognises the 17 kDa protein.

Storage

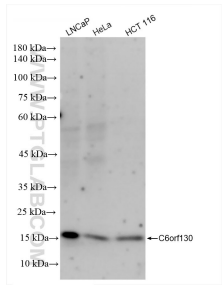
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

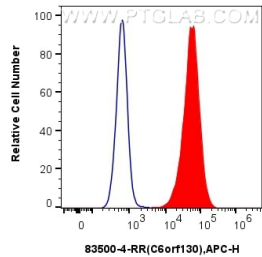
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

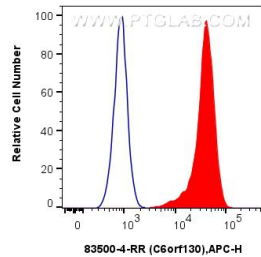
Selected Validation Data



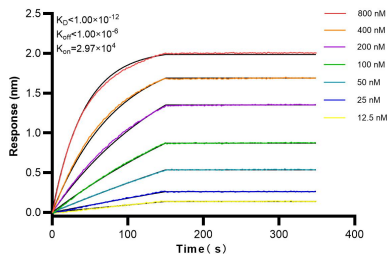
Various lysates were subjected to SDS PAGE followed by western blot with 83500-4-RR (C6orf130 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug C6orf130 Recombinant antibody (83500-4-RR, Clone:240455D7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1x10⁶ PC-3 cells were intracellularly stained with 0.25 ug C6orf130 Recombinant antibody (83500-4-RR, Clone:240455D7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 83500-4-RR against Human C6orf130 were performed. The affinity constant is below 1 pM.