

For Research Use Only

RABL2B Recombinant antibody

Catalog Number: 83470-3-RR



Basic Information

Catalog Number: 83470-3-RR	GenBank Accession Number: BC024281	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 11158	CloneNo.: 240501D3
Source: Rabbit	UNIPROT ID: Q9UNT1	Recommended Dilutions: WB 1:2000-1:16000
Isotype: IgG	Full Name: RAB, member of RAS oncogene family-like 2B	
Immunogen Catalog Number: AG2189	Calculated MW: 229 aa, 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : Jurkat cells, HepG2 cells
Species Specificity: human	

Background Information

Rab-like protein 2B (RABL2B) is a member of a poorly characterised clade of the RAS GTPase superfamily, which plays an essential role in male fertility, sperm intraflagellar transport and tail assembly (PMID: 28553998, PMID: 28138870). A preferential expression of RABL2B in human tissues and lymphoblastoid cell lines was detected which is most pronounced in brain and placenta (PMID: 20138207).

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

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

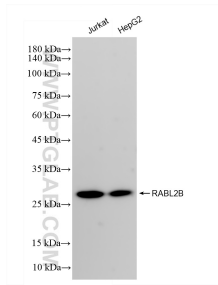
T: 4006900926

E: Proteintech-CN@ptglab.com

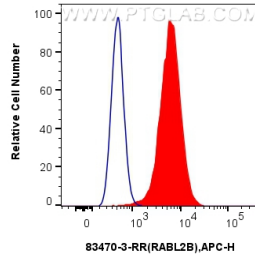
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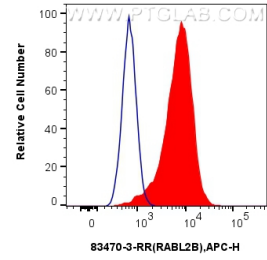
Selected Validation Data



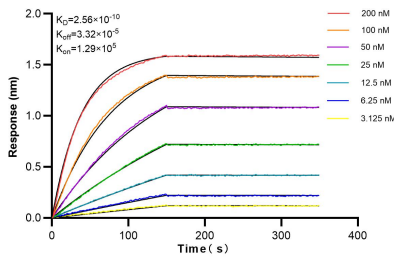
Various lysates were subjected to SDS PAGE followed by western blot with 83470-3-RR (RABL2B antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



1×10^6 A549 cells were intracellularly stained with 0.25 μ g RABL2B Recombinant antibody (83470-3-RR, Clone:240501D3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1×10^6 MCF-7 cells were intracellularly stained with 0.25 μ g RABL2B Recombinant antibody (83470-3-RR, Clone:240501D3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 83470-3-RR against Human RABL2B were performed. The affinity constant is 0.256 nM.