

For Research Use Only

FIGNL1 Recombinant monoclonal antibody

Catalog Number: 86971-2-RR



Basic Information

Catalog Number: 86971-2-RR	GenBank Accession Number: BC051867	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 63979	CloneNo.: 252109G9
Source: Rabbit	UNIPROT ID: Q6PIW4	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: fidgetin-like 1	
Immunogen Catalog Number: AG11709	Calculated MW: 674 aa, 74 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : U2OS cells, A549 cells, NCI-H1299 cells, HuH-7 cells, HeLa cells IF/ICC : U2OS cells,

Background Information

Fidgetin-like 1 (FIGNL1), a subfamily member of ATPases, is associated with diverse cellular activities (AAA proteins). FIGNL1 is involved in DNA repair. FIGNL1 plays a crucial role in the occurrence and development of malignant tumors. FIGNL1 participates in the prognosis, promoter methylation, and immune infiltrates in KIRP, LGG, and LIHC (PMID: 35232348).

Storage

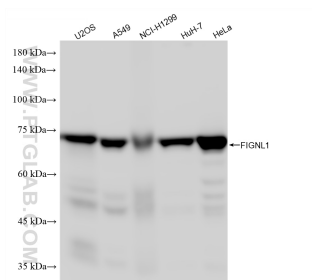
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

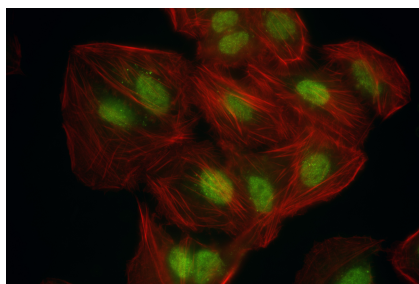
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

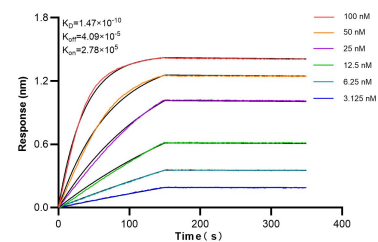
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86971-2-RR (FIGNL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FIGNL1 antibody (86971-2-RR, Clone: 252109G9) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86971-2-RR against Human FIGNL1 were performed. The affinity constant is 0.147 nM.