

For Research Use Only

FIGNL1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86971-2-PBS



Basic Information

Catalog Number:

86971-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11709

GenBank Accession Number:

BC051867

GeneID (NCBI):

63979

UNIPROT ID:

Q6PIW4

Full Name:

fidgetin-like 1

Calculated MW:

674 aa, 74 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

252109G9

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

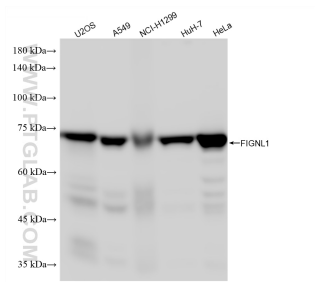
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

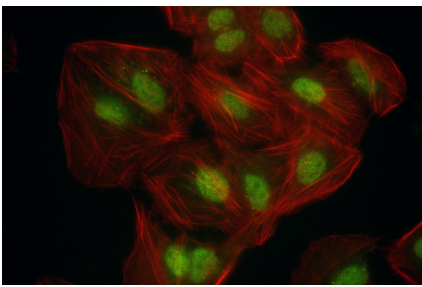
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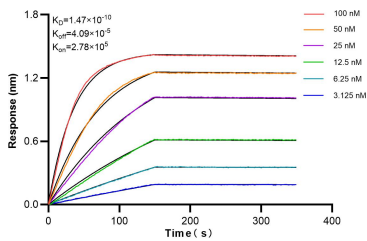
Selected Validation Data



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. This data was developed using the same antibody clone with 86971-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86971-2-PBS in a different storage buffer formulation.



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