

For Research Use Only

FIGNL1 Recombinant monoclonal antibody

Catalog Number: 86971-2-RR



Basic Information

Catalog Number:

86971-2-RR

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

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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

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

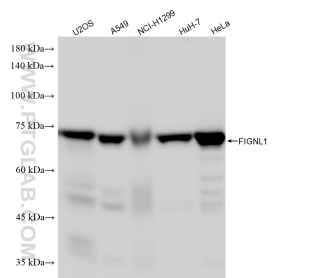
T: 4006900926

E: Proteintech-CN@ptglab.com

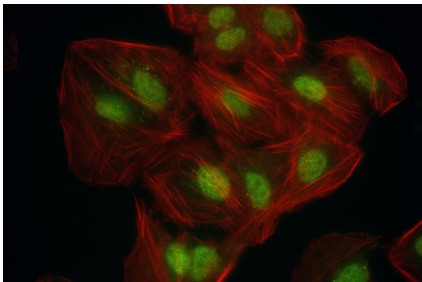
W: ptgcn.com

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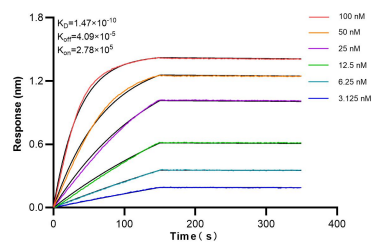
Selected Validation Data



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.



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.