

For Research Use Only

WDR74 Recombinant monoclonal antibody

Catalog Number:86361-2-RR



Basic Information

Catalog Number: 86361-2-RR	GenBank Accession Number: BC006351	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 54663	CloneNo.: 251046A3
Isotype: IgG	UNIPROT ID: Q6RFH5	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:500-1:2000
Immunogen Catalog Number: AG14617	Full Name: WD repeat domain 74	
	Calculated MW: 385 aa, 42 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HepG2 cells, MDA-MB-231 cells, A-673 cells, A375 cells, IMR-32 cells, RAW264.7 cells
	IF/ICC : HeLa cells,

Background Information

WDR74, also known as WD repeat domain 74, is a protein-coding gene that plays important roles in various biological processes. WDR74 is involved in rRNA processing and ribosomal large subunit biogenesis. It is a 60S ribosome assembly factor, which is irreplaceable in ribosome biogenesis and is closely related to protein synthesis. WDR74 can induce nuclear β -catenin accumulation and activate Wnt-responsive genes, thus promoting cell proliferation and metastasis in various cancers.

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:

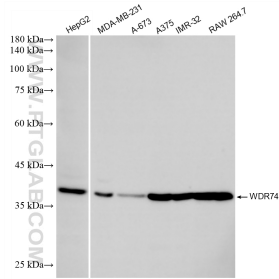
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E: Proteintech-CN@ptglab.com

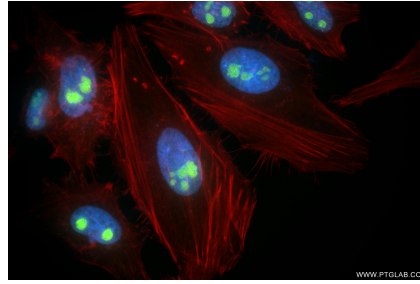
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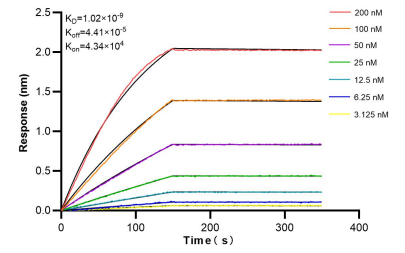
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86361-2-RR (WDR74 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using WDR74 antibody (86361-2-RR, Clone: 251046A3) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 86361-2-RR against Human WDR74 were performed. The affinity constant is 1.02 nM.