

For Research Use Only

TP53BP1-Specific Recombinant antibody

Catalog Number: 83809-1-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
83809-1-RR	NM_005657	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1000 ug/ml	7158	240638C6
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q12888	WB 1:5000-1:50000
Isotype:	Full Name:	IHC 1:200-1:800
IgG	tumor protein p53 binding protein 1	IF/ICC 1:125-1:500
	Calculated MW:	
	214 kDa	
	Observed MW:	
	450 kDa	

Applications

Tested Applications:	Positive Controls:
WB, IHC, IF/ICC, FC (Intra), ELISA	WB : HeLa cells, Jurkat cells, K-562 cells
Species Specificity:	IHC : human ovary cancer tissue,
human	IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

TP53BP1, also named as p53BP1, p202, 53BP1 and FLJ41424, may have a role in checkpoint signaling during mitosis. TP53BP1 enhances TP53-mediated transcriptional activation. TP53BP1 plays a role in the response to DNA damage.

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:

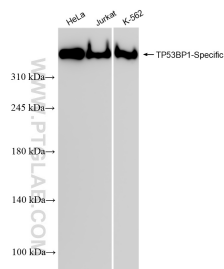
T: 4006900926

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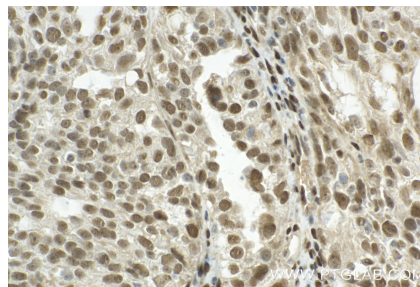
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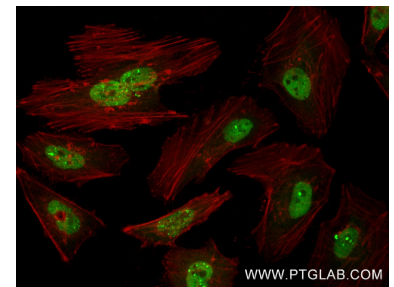
Selected Validation Data



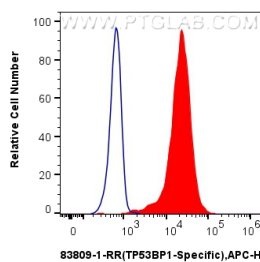
Various lysates were subjected to SDS PAGE followed by western blot with 83809-1-RR (TP53BP1-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83809-1-RR (TP53BP1-Specific antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TP53BP1-Specific antibody (83809-1-RR, Clone: 240638C6) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug TP53BP1-Specific Recombinant antibody (83809-1-RR, Clone:240638C6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).