

For Research Use Only

TP53BP1-Specific Recombinant antibody, PBS Only

Catalog Number: 83809-1-PBS



Basic Information

Catalog Number:

83809-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005657

GeneID (NCBI):

7158

UNIPROT ID:

Q12888

Full Name:

tumor protein p53 binding protein 1

Calculated MW:

214 kDa

Observed MW:

450 kDa

Purification Method:

Protein A purification

CloneNo.:

240638C6

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

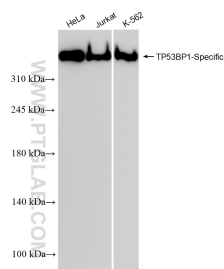
T: 4006900926

E: Proteintech-CN@ptglab.com

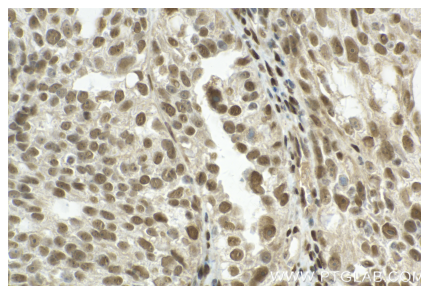
W: ptgcn.com

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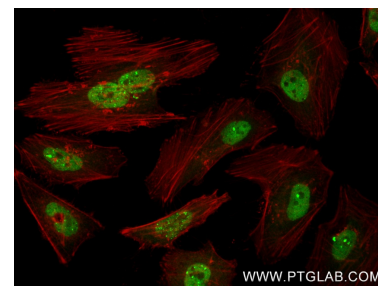
Selected Validation Data



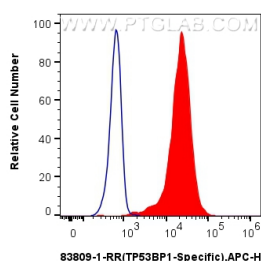
Various lysates were subjected to SDS PAGE followed by western blot with 83809-1-RR (TP53BP1-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83809-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83809-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83809-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83809-1-PBS in a different storage buffer formulation.