

# 53BP1 Recombinant Monoclonal Antibody [BL-250-1H11]

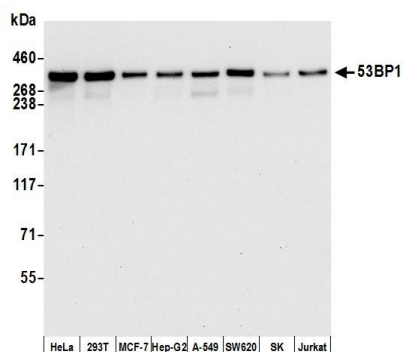
Rabbit Recombinant Monoclonal

Purified Protein ID NP\_005648.1  
Catalog No. A700-011-T GeneID 7158  
Lot No. A700-011-T-1

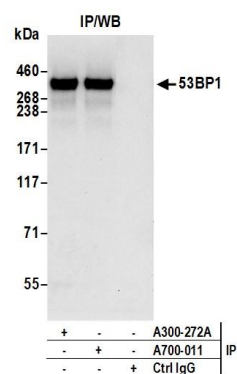


<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	20 µl (2 blots)
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BL-250-1H11
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a synthetic peptide representing a region between residues 350 and 400 of human tumor protein p53 binding protein 1 using the numbering given in entry NP_005648.1 (GeneID 7158).
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot 1:1000 Immunoprecipitation 20 µl/mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Colon Carcinoma, Lung Carcinoma, Ovarian Carcinoma, Seminoma
<b>IHC MOUSE CONTROLS</b>	Teratoma, RenCa Cells
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A700-011-T">https://www.bethyl.com/product/A700-011-T</a> Use the link above to view SDS, a current list of citations, and other product specific information.

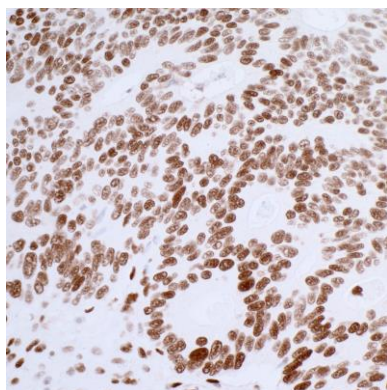
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



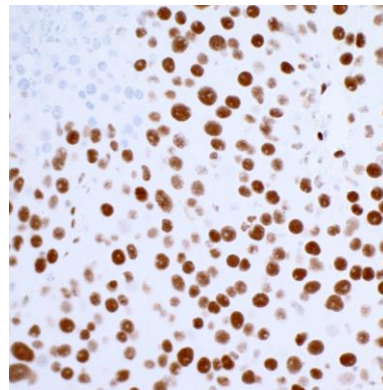
**Detection of human 53BP1 by western blot.** *Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, MCF-7, Hep-G2, A-549, SW620, SK-MEL-28 (SK), and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-53BP1 recombinant monoclonal antibody [BL-250-1H11] (A700-011-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 second.



**Detection of human 53BP1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-53BP1 recombinant monoclonal antibody [BL-250-1H11] (A700-011-T lot 1) used for IP at 20 µl per reaction. 53BP1 was also immunoprecipitated by rabbit anti-53BP1 antibody (A300-272A). For blotting immunoprecipitated 53BP1, A700-011-T was used at 1:1000. *Substrate:* Chemiluminescence with an exposure time of 10 second.



**Detection of human 53BP1 by immunohistochemistry.** *Sample:* FFPE section of colon carcinoma. *Antibody:* Rabbit anti-53BP1 recombinant monoclonal antibody [BL-250-1H11] (A700-011-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



**Detection of mouse 53BP1 by immunohistochemistry.** *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Rabbit anti-53BP1 recombinant monoclonal antibody [BL-250-1H11] (A700-011-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.