

Product Datasheet

p53 Antibody (PAb 240) - Azide and BSA Free NBP2-80898

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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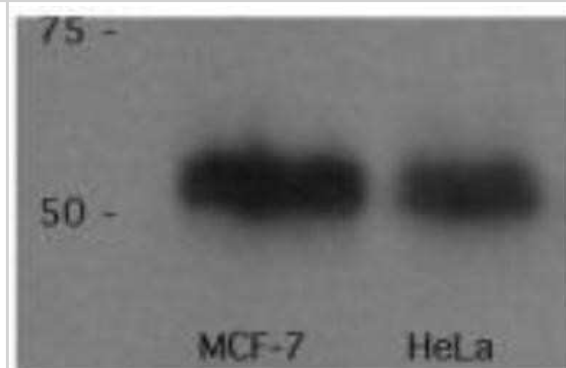
NBP2-80898

p53 Antibody (PAb 240) - Azide and BSA Free

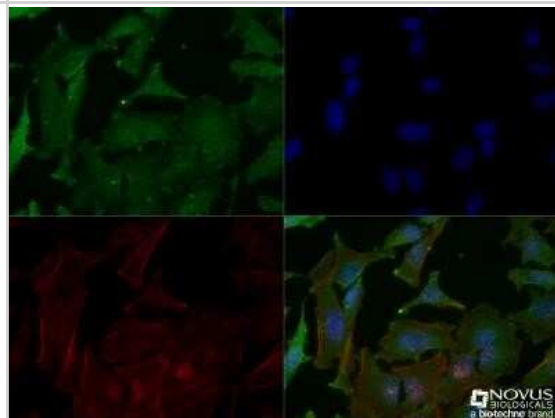
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PAb 240
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse p53 Antibody (PAb 240) - Azide and BSA Free (NB200-103) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7157
Gene Symbol	TP53
Species	Human, Mouse, Rat, Yeast, Xenopus (Negative)
Reactivity Notes	Yeast reactivity reported in scientific literature (PMID: 8710879)
Immunogen	Gel-purified p53-beta-galactosidase fusion protein containing murine p53 from aa 14-389 (derived from pSV53C cDNA clone).
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:250-1:500, Immunocytochemistry/ Immunofluorescence 5 ug/ml. Use reported in scientific literature (PMID 1394225), Immunoprecipitation 10ug/mg, Immunohistochemistry-Paraffin 1:250-1:500, Immunohistochemistry-Frozen reported in multiple pieces of scientific literature, Flow (Intracellular), CyTOF-ready
Application Notes	Antigen retrieval with IHC-P is not essential but may optimize staining. In IP this antibody reacts with only mutant p53 protein under non-denaturing conditions. This antibody is CyTOF ready.

Images

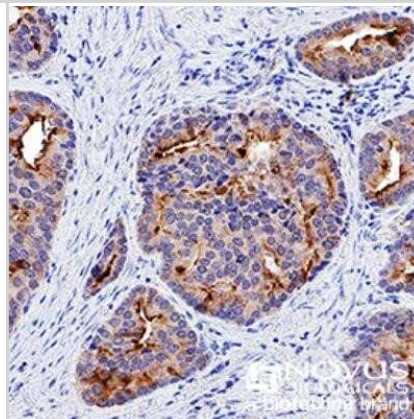
Western Blot: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - Analysis of p53 in MCF7 and HeLa lystates. Image courtesy of anonymous customer product review. Image from the standard format of this antibody.



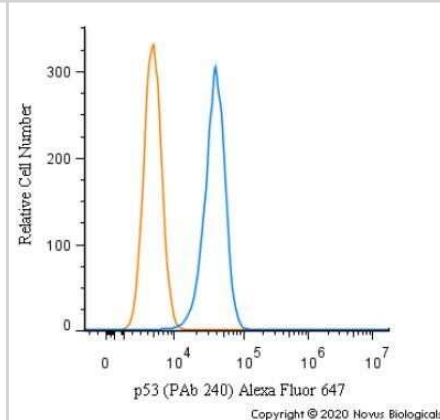
Immunocytochemistry/Immunofluorescence: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti-p53 (PAb 240) [NB200-103] at a 1:200 dilution overnight at 4C and detected with an anti-mouse DyLight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



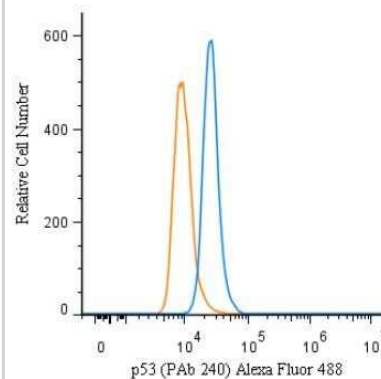
Immunohistochemistry: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - p53 was detected in immersion fixed paraffin-embedded sections of human prostate cancer using anti-human mouse monoclonal antibody (Catalog # NB200-103) at 1:200 dilution overnight at 4C. Tissue was stained using the VisuCyte anti-mouse HRP polymer detect



Flow Cytometry: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - An intracellular stain was performed on MCF7 cells with p53 [PAb 240] Antibody NB200-103AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.

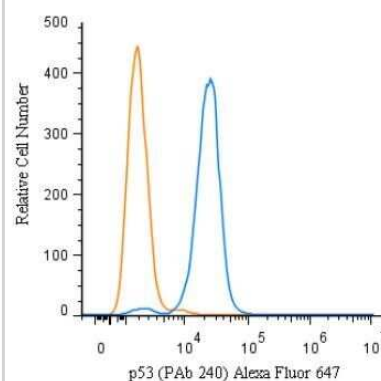


Flow Cytometry: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - An intracellular stain was performed on A549 cells with p53 (PAb240) NB200-103AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



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Flow Cytometry: p53 Antibody (PAb 240) - Azide and BSA Free [NBP2-80898] - An intracellular stain was performed on HeLa cells with p53 (PAb240) NB200-103AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.



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Products Related to NBP2-80898

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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