Product Datasheet

p53 Antibody (OTI5E2)
NBP2-00723

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Reviews: 1 Publications: 1

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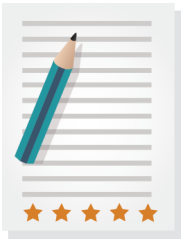
Updated 9/9/2025 v.20.1



NBP2-00723

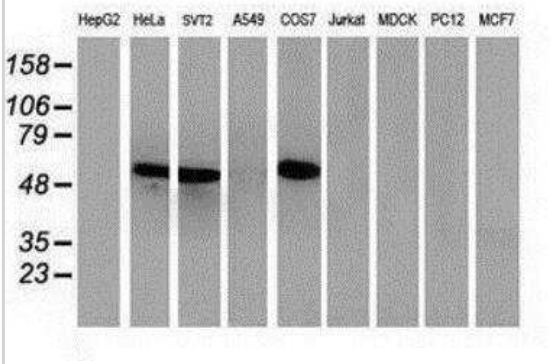
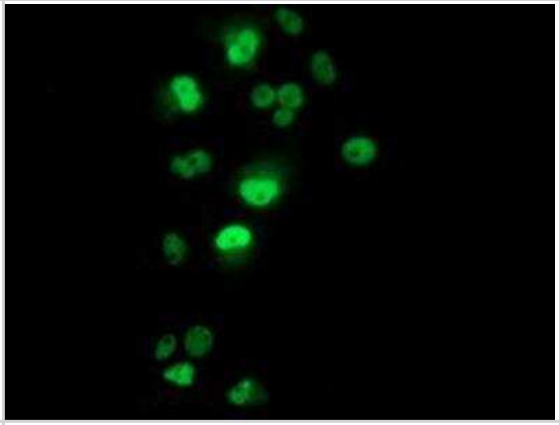
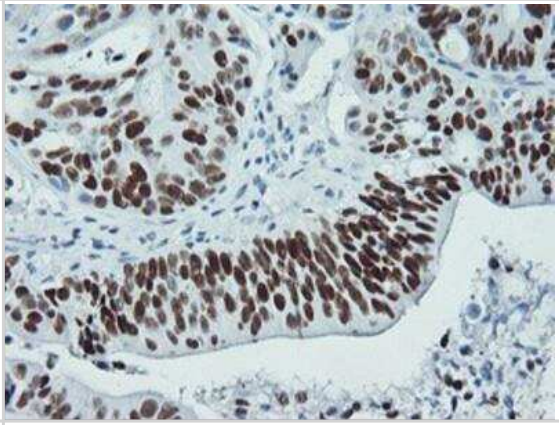
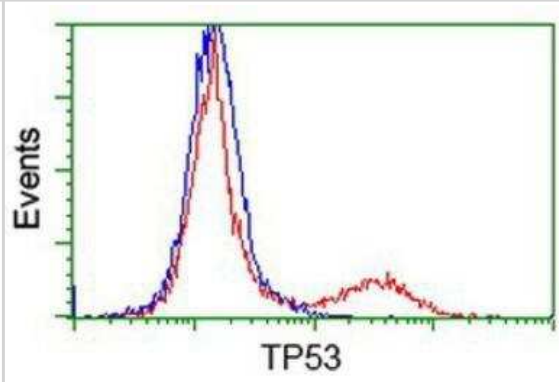
p53 Antibody (OTI5E2)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5E2
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	43.5 kDa

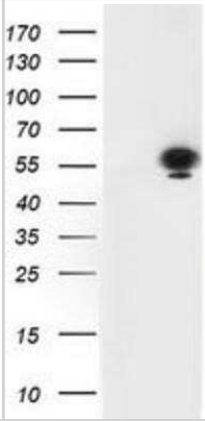
Product Description	
Description	Novus Biologicals Mouse p53 Antibody (OTI5E2) (NBP2-00723) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and Simple Western. Anti-p53 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7157
Gene Symbol	TP53
Species	Human, Mouse, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human TP53 (NP_000537) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Simple Western 1:10, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Hek293 lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:10, apparent MW was 58 kDa.

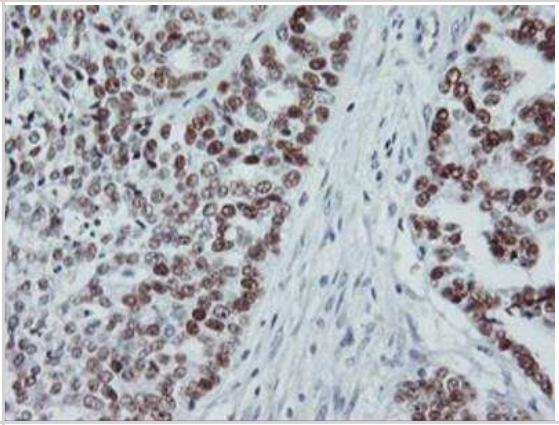
Images

Western Blot: p53 Antibody (5E2) [NBP2-00723] - Analysis of extracts (35ug) from 9 different cell lines by using anti-p53 monoclonal antibody.	
Immunocytochemistry/Immunofluorescence: p53 Antibody (5E2) [NBP2-00723] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY p53.	
Immunohistochemistry-Paraffin: p53 Antibody (5E2) [NBP2-00723] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-p53 mouse monoclonal antibody.	
Flow Cytometry: p53 Antibody (5E2) [NBP2-00723] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-p53 antibody, and then analyzed by flow cytometry.	

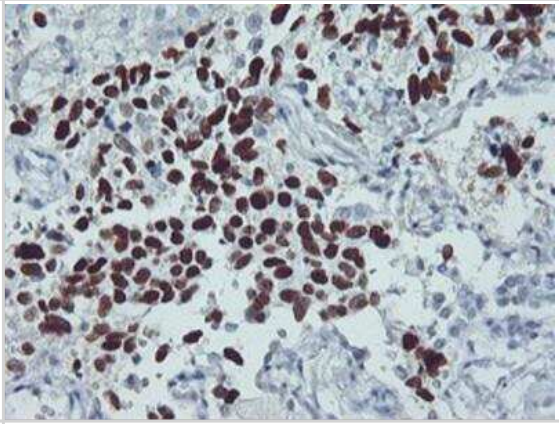
Western Blot: p53 Antibody (5E2) [NBP2-00723] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY p53 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-p53.



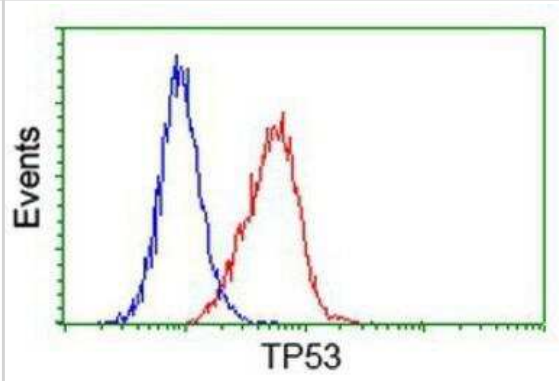
Immunohistochemistry-Paraffin: p53 Antibody (5E2) [NBP2-00723] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-p53 mouse monoclonal antibody.



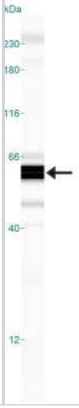
Immunohistochemistry-Paraffin: p53 Antibody (5E2) [NBP2-00723] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-p53 mouse monoclonal antibody.



Flow Cytometry: p53 Antibody (5E2) [NBP2-00723] - Analysis of Hela cells, using anti-p53 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Simple Western: p53 Antibody (5E2) [NBP2-00723] - Simple Western lane view shows a specific band for p53 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Kakiuchi-Kiyota, S, Obert, L A Et al. Expression of Hematopoietic Stem and Endothelial Cell Markers in Canine Hemangiosarcoma. Toxicol Pathol 2020-04-01 [PMID: 31918642] (WB, Rabbit)

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Products Related to NBP2-00723

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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