

# Product Datasheet

## p53 Antibody (OTI5E2) - Azide and BSA Free NBP2-73200

Unit Size: 100 ug

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

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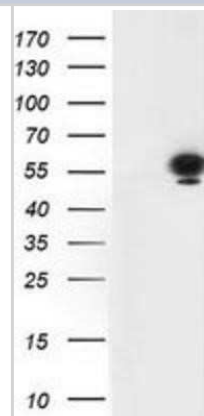
**NBP2-73200**

p53 Antibody (OTI5E2) - Azide and BSA Free

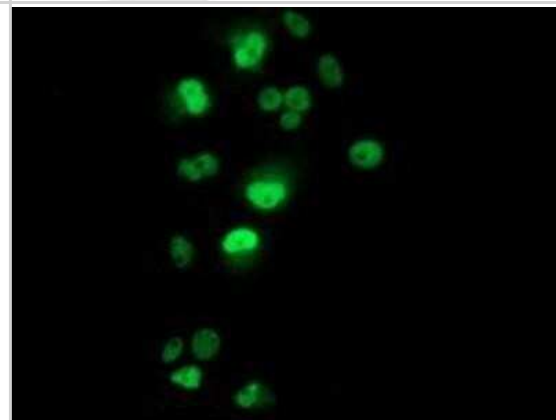
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI5E2
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	43.5 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	7157
<b>Gene Symbol</b>	TP53
<b>Species</b>	Human, Mouse, Monkey
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Full length human recombinant protein of human TP53 (NP_000537) produced in HEK293T cell.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Simple Western, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

## Images

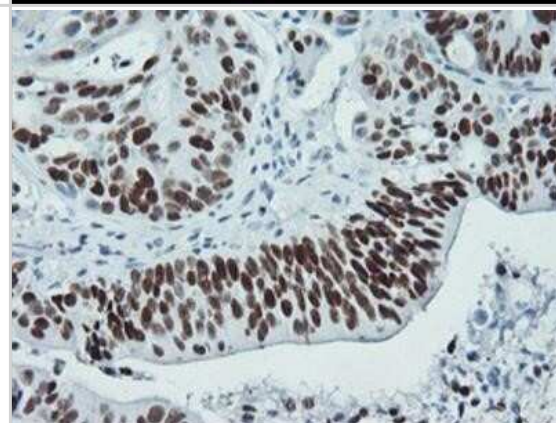
Western Blot: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY p53 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-p53.



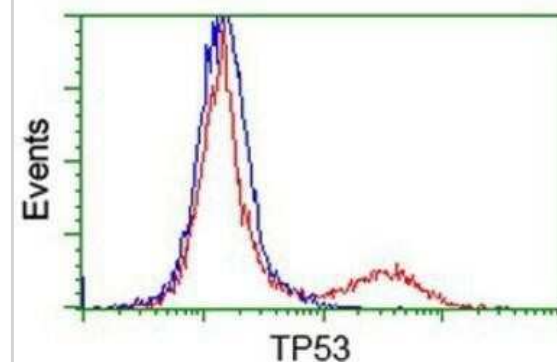
Immunocytochemistry/Immunofluorescence: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY p53.



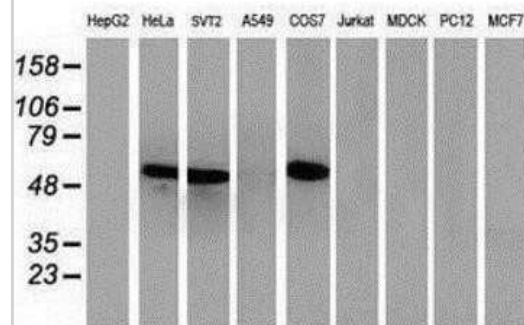
Immunohistochemistry: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-p53 mouse monoclonal antibody.



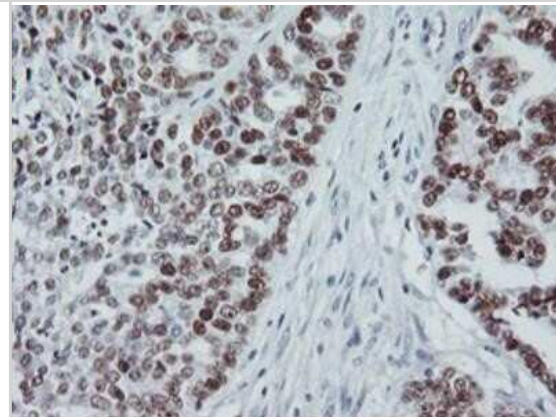
Flow Cytometry: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-p53 antibody, and then analyzed by flow cytometry.



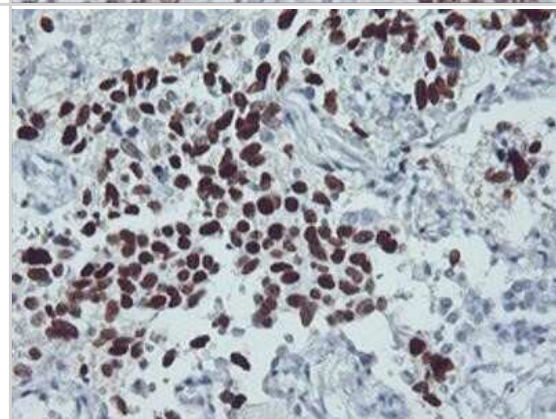
Western Blot: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Analysis of extracts (35ug) from 9 different cell lines by using anti-p53 monoclonal antibody.



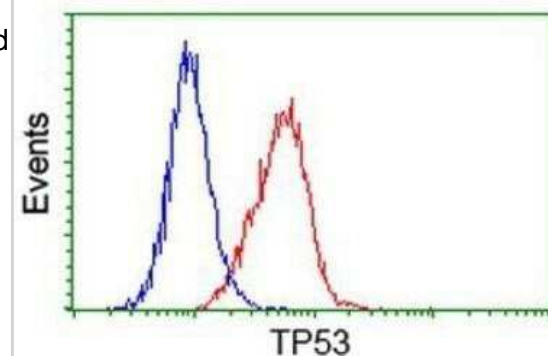
Immunohistochemistry: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-p53 mouse monoclonal antibody.



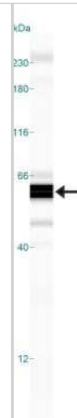
Immunohistochemistry: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-p53 mouse monoclonal antibody.



Flow Cytometry: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - Analysis of Hela cells, using anti-p53 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Simple Western: p53 Antibody (OTI5E2) - Azide and BSA Free [NBP2-73200] - 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.





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### **Products Related to NBP2-73200**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-34495PEP	p53 Recombinant Protein Antigen

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### **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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