Product Datasheet

p73 Antibody (5B1288) - Azide and BSA Free
NBP2-33241

Unit Size: 0.1 mg

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

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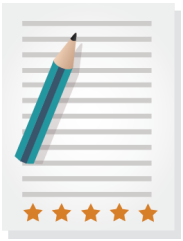


NBP2-33241

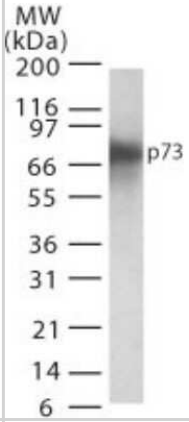
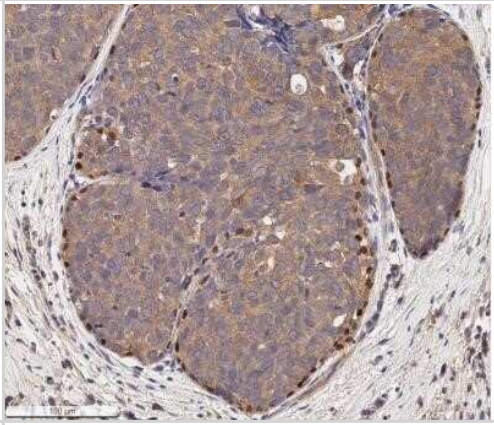
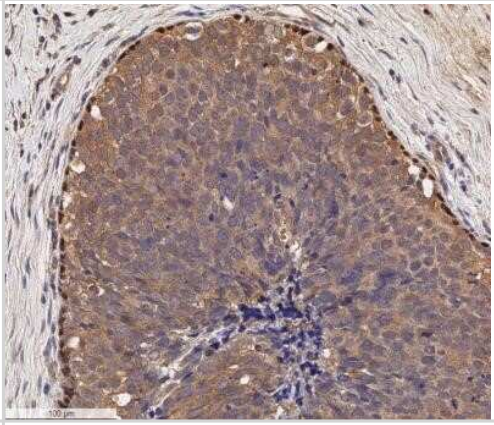
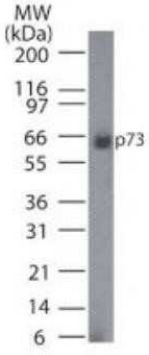
p73 Antibody (5B1288) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5B1288
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	73 kDa

Product Description	
Description	Novus Biologicals Mouse p73 Antibody (5B1288) - Azide and BSA Free (NB100-56674) is a monoclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7161
Gene Symbol	TP73
Species	Human, Mouse
Specificity/Sensitivity	It reacts with alpha, beta, gamma and delta isoforms of mouse and human p73 as well as the dominant negative p73 (Costanzo, et al, 2002). Because of its reactivity pattern it may be regarded as anti-pan p73. NB100-56674 has been shown to recongize all the known alternative splicing variants of human and mouse p73 (Costanzo et al, 2002). The antibody does not cross react with p53.
Immunogen	This antibody was raised against full-length human p73. The epitope is thought to lie around the center of the molecule (NP_005418).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1-3 ug/ml, Chromatin Immunoprecipitation 1:10-1:500. Use reported in scientific literature (Accardi et al), Immunocytochemistry/ Immunofluorescence 1:10-1:2000. Use reported in scientific literature (Sayan et al), Immunoprecipitation 1:10-1:500. Use reported in scientific literature (Sayan et al), Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	Immunoprecipitation details can be found in Sayan et al (2005). The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: p73 Antibody (5B1288) - Azide Free [NBP2-33241] - Analysis of p73 in transfected cell lysate using this antibody. Image from the standard format of this antibody.	
Immunocytochemistry: p73 Antibody (5B1288) - Azide Free [NBP2-33241] - Human breast cancer section using 10 ug/mL of p73 antibody (clone 5B1288) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10 mM sodium citrate buffer (pH 6.0) and endogenous peroxida	
Immunohistochemistry-Paraffin: p73 Antibody (5B1288) - Azide Free [NBP2-33241] - Human breast cancer section using 10ug/mL of p73 antibody (clone 5B1288) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10 mM sodium citrate buffer (pH 6.0) and endogenous peroxidas	
Western Blot: p73 Antibody (5B1288) - Azide Free [NBP2-33241] - Analysis of p73 in HeLa cell lysate (Cat no. NBP2-25045) using this antibody at 1 ug/mL. Image from the standard format of this antibody.	

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Products Related to NBP2-33241

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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