

# Product Datasheet

## p73 Antibody (ER-15) NB600-1279

Unit Size: 500 uL

Store at 4C. Do not freeze.

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### Publications: 2

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**NB600-1279**

p73 Antibody (ER-15)

Product Information	
Unit Size	500 uL
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	ER-15
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4) and 0.2% BSA

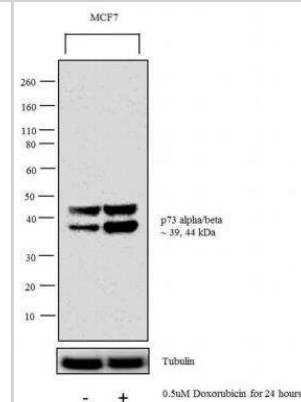
Product Description	
Description	Novus Biologicals Mouse p73 Antibody (ER-15) (NB600-1279) is a monoclonal antibody validated for use in WB, ICC/IF and IP. Anti-p73 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7161
Gene Symbol	TP73
Species	Human, Mouse, Primate
Reactivity Notes	Human, Monkey and Mouse. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Purified monkey recombinant p73alpha protein (aa380-637)

Product Application Details	
Applications	Western Blot, Gel Super Shift Assays, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Gel Super Shift Assays 1:1 - 1:100

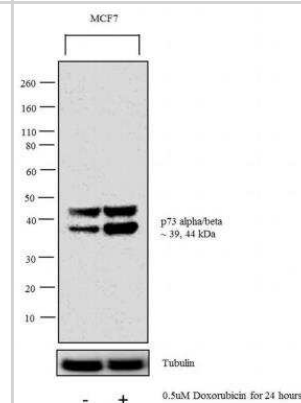


## Images

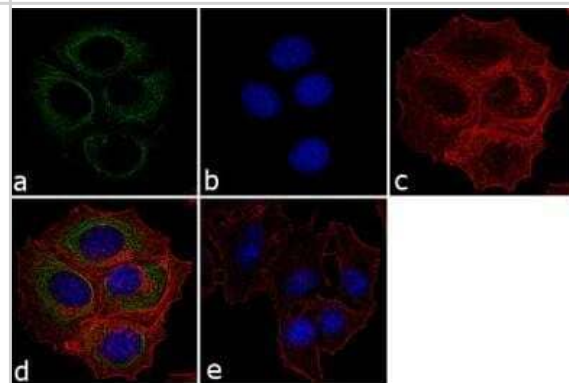
Western Blot: p73 Antibody (ER-15) [NB600-1279] - Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using p73 alpha/beta Monoclonal Antibody, shows increased levels of p73 alpha/beta in MCF7 cell line upon doxorubicin treatment.



Western Blot: p73 Antibody (ER-15) [NB600-1279] - WB analysis was performed on nuclear enriched extracts (30 ug lysate) of MCF7 (Lane 1) and MCF7 treated with Doxorubicine (0.5 uM Doxorubicin for 24 hours) (Lane 2). The blot was probed with Anti-p73 alpha/beta Mouse Monoclonal Antibody.



Immunofluorescence: p73 Antibody (ER-15) [NB600-1279] - Analysis of p73 alpha/beta was performed using 70% confluent log phase MCF-7 cells.



## Publications

Cam M, Charan M, Welker AM et al. deltaNp73/ETS2 complex drives glioblastoma pathogenesis- targeting downstream mediators by rebastinib prolongs survival in preclinical models of glioblastoma *Neuro-oncology* 2019-11-25 [PMID: 31763674]

King KE, Reddi DM, Ponnampereuma RM et al. Dysregulated deltaNp63alpha negatively regulates the maspin promoter in keratinocytes via blocking endogenous p73 binding *Mol Carcinog* 2013-03-08 [PMID: 23475637] (Mouse)



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### **Products Related to NB600-1279**

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NBL1-17209	p73 Overexpression Lysate
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)

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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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