

# Product Datasheet

## p73 Antibody (5B429) [DyLight 594] NBP2-24737DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-24737DL594**

p73 Antibody (5B429) [DyLight 594]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5B429
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	DyLight 594
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	7161
<b>Gene Symbol</b>	TP73
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	p73 antibody (clone 5B429) recognizes all of the TAp73 isoforms i.e. isoforms with an intact NH <sub>2</sub> -terminal transactivation domain (Thottassery et al, 2006, PMID 16505115). Sayan et al 2005 (PMID 15781249) showed that p73 IMG-246/ NBP2-24737 reacted with all tested TAp73 isoforms but not deltaNp73 whereas p73 antibody clone 5B1288 (NB100-56674 / IMG-259A ) showed reactivity against all p73 isoforms including delta Np73. Caspase-cleaved p73 fragments, including 55 kDa and 45 kDa, have been described in literature (Sayan et al, 2008).
<b>Immunogen</b>	This antibody was raised against full-length human p73. It reacts with an epitope that is located on the N-terminal region of human p73. It does not cross react with p53.
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-24737DL594**

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NBP1-43319DL594	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 594]
H00007161-P01-10ug	Recombinant Human p73 GST (N-Term) Protein
NBL1-17209	p73 Overexpression Lysate
NB100-355	RPE65 Antibody (401.8B11.3D9) - BSA Free

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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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