

# Product Datasheet

## p73 Antibody (5B429) [PE/Cy5.5] NBP2-24737PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-24737PECY55**

p73 Antibody (5B429) [PE/Cy5.5]

<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. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5B429
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	PE/Cy5.5
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<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). p73 antibody clone 5B429 has also been referred to as 429 in the literature.
<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>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. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.



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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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