

Product Datasheet

p73 Antibody (5B429) [Alexa Fluor® 350] NBP2-24737AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-24737AF350

p73 Antibody (5B429) [Alexa Fluor® 350]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	5B429
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 350
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	7161
Gene Symbol	TP73
Species	Human, Mouse, Rat
Specificity/Sensitivity	p73 antibody (clone 5B429) recognizes all of the TAp73 isoforms i.e. isoforms with an intact NH2-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).
Immunogen	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.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.



Product Application Details

Applications	Western Blot, Simple Western, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

p73 Antibody (5B429) [Alexa Fluor® 350] [NBP2-24737AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442

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Products Related to NBP2-24737AF350

H00007161-P01-10ug	Recombinant Human p73 GST (N-Term) Protein
NBL1-17209	p73 Overexpression Lysate
NB100-355	RPE65 Antibody (401.8B11.3D9) - BSA Free
NB200-103	p53 Antibody (PAb 240) - BSA Free

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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