

TP53

Mouse Anti-Human p53 Clone B-P3 Azide Free mAb

Catalog No.	CDM072	Quantity:	500 µg
Alternate Names:	P53, LFS1, TRP53, TP53, p53		
Description:	Tumor protein p53 is a multi-functional transcription factor that regulates cellular decisions regarding proliferation, cell cycle arrest, and apoptosis. p53 protein is expressed at low level in normal cells and at a high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is mutated in over 50% of human cancers.		
Concentration:	500 µg / 500 µl		
Gene ID:	7157		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Specificity:	Recognises wild type and mutant p53. The epitope is within aa residues 18-30 of human p53.		
Host:	Mouse		
Immunogen:	Recombinant p53 protein		
Isotype:	IgG2a		
Clone:	B-P3		
Formulation:	PBS. Sterile-filtered through 0.22 µm filter. No preservatives and carrier-free.		
Purification:	Ion exchange chromatography		
Cross-Reactivity:	Cross-reactive with p53 of other primates.		
Applications:	Immunoprecipitation, Western Blot, Immunohistochemistry on frozen and paraffin sections, Intracellular Flow Cytometry.		
Application Notes:	For intracellular Flow Cytometry, cells must be first fixed and permeabilized prior to p53 staining.		
Storage & Stability:	Store at 2-4°C. Stable for 1 year. For longer storage, aliquot and freeze at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com