

TP53

Mouse Anti-Human p53 (Clone B-F34) mAb, Azide Free

Catalog No.	CDM091A CDM091B CDM091C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Cellular tumor antigen p53, Antigen NY-CO-13, Phosphoprotein p53, Tumor suppressor p53		
Description:	Tumor protein p53 is a multi-functional transcription factor that regulates cellular decisions regarding proliferation, cell cycle arrest, and apoptosis. In humans, this gene is located on chromosome 172. The TP53 gene is inactivated in almost 50% of human cancers.		
UniProt ID:	P04637		
Gene ID:	7157		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes wild type and mutant p53. The epitope is located within residues 18-30 of human p53.		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	Recombinant tumor protein p53		
Isotype:	Mouse IgG2bk		
Clone:	B-F34		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA: Use as a Capture Antibody at 1-5 µg/ml in a human p53 sandwich ELISA in combination with biotinylated human p53 Detection Antibody (Cat No CDM437). The optimal coating concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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

