



TP53 Monoclonal Antibody

Product Code	CSB-MA989534
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Purified recombinant Human p53 protein fragments expressed in E.coli.
Raised In	Mouse
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of p53 and does not cross-react with related proteins.
Tested Applications	ELISA,WB;Recommended dilution:WB:1:500-1:5000
Relevance	<p>Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over. Isoform 2 enhances the transactivation activity of isoform 1 from some but not all TP53-inducible promoters. Isoform 4 suppresses transactivation activity and impairs growth suppression mediated by isoform 1. Isoform 7 inhibits isoform 1-mediated apoptosis.</p>
Form	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity purified
Isotype	IgG2b
Clonality	Monoclonal
Alias	P53; LFS1; TRP53; TP53
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	6C4-C12-H10