

小鼠抗 TP53 单克隆抗体

中文名称： 小鼠抗 TP53 单克隆抗体

英文名称： Anti-TP53 mouse monoclonal antibody

别名： tumor protein p53; P53; BCC7; LFS1; TRP53

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： TP53

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. 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 a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mutants of p53 that frequently occur in a number of different human cancers fail to bind the consensus DNA binding site, and hence caus

	e the loss of tumor suppressor activity. Alterations of this gene occur not only as somatic mutations in human malignancies, but also as germline mutations in some cancer-prone families with Li-Fraumeni syndrome. Multiple p53 variants due to alternative promoters and multiple alternative splicing have been found. These variants encode distinct isoforms, which can regulate p53 transcriptional activity.
Applications:	WB, IHC
Name of antibody:	TP53
Immunogen:	Fusion protein of human TP53
Full name:	tumor protein p53
Synonyms:	P53, BCC7, LFS1, TRP53
SwissProt:	P04637
IHC positive control:	Human esophagus cancer
IHC Recommend dilution:	100-500
WB Predicted band size:	44 kDa
WB Positive control:	231, 293T cell lysates
WB Recommended dilution:	1000-5000



