



# ELK Biotechnology

**Acetyl P53(K382) (1G7) Mouse mAb**

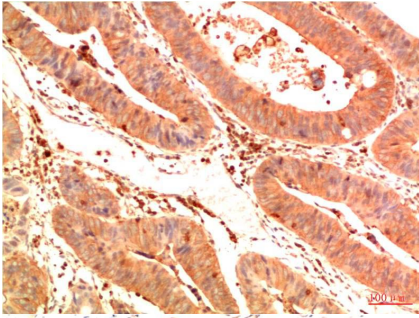
**Catalog NO.: EM1382**

**For research use only.**

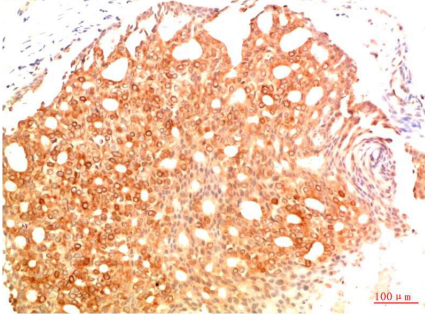
## Overview

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Product name	Acetyl P53(K382) (1G7) Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Mouse Rat
Recommended dilutions	<b>Immunohistochemistry:1/100-200</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	<b>53kDa</b>
GeneID (Human)	7157
Human Swiss-Prot No.	P04637
Cellular localization	CytoplasmCytoplasm. Nucleus
Alternative Names	Cellular tumor antigen p53 antibody Cys 51 stop antibody Tp53 antibody Tumor protein p53 antibody
Background	p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair or apoptosis. Acetylation appears to play a positive role in the accumulation of p53 protein in stress response.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Acetyl P53(K382) (EM1382) Mouse mAb diluted at:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl P53(K382) (EM1382) Mouse mAb diluted at:200.