



# ELK Biotechnology

**P53(Mono Methyl Lys370) Mouse mAb**

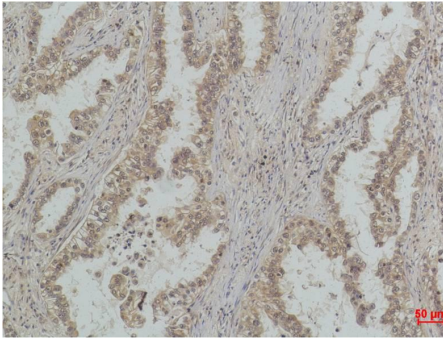
**Catalog NO.: EM1198**

**For research use only.**

## Overview

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Product name	P53(Mono Methyl Lys370) Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	<b>Immunohistochemistry:1/500-1000</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. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using P53(Mono Methyl Lys370) (EM1198 ) Mouse mAb diluted at:500.