

P53 Mouse mAb (AM10000)

Key Features

Host Species:	Mouse
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	53kD (Calculated) 53kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:500-2000
IF:	1:100-500
ELISA:	1:1000-5000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	This antibody detects endogenous levels of P53 protein.
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Target Information

Gene name	TP53 P53
Protein Name	Antigen NY-CO-13;BCC7;Cellular tumor antigen p53;FLJ92943;LFS1;Mutant tumor protein 53;p53;p53 tumor suppressor;P53_HUMAN;Phosphoprotein p53;Tp53;Transformation related protein 53;TRP53;tumor antigen p55;Tumor protein 53;Tumor protein p53;Tumor suppressor p53

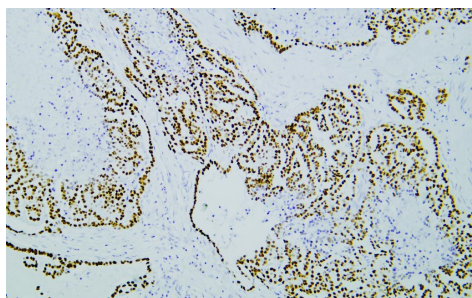
Organism	Gene ID	UniProt ID
Human	7157	P04637
Mouse	22059	P02340
Rat	24842	P10361

Cellular Localization	Nuclear
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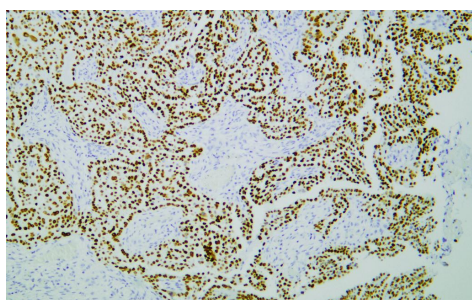
Tissue specificity

Ubiquitous. Isoforms are expressed in a wide range of normal tissues but in a tissue-dependent manner. Isoform 2 is expressed in most normal tissues but is not detected in brain, lung, prostate, muscle, fetal brain, spinal cord and fetal liver. Isoform 3 is expressed in most normal tissues but is not detected in lung, spleen, testis, fetal brain, spinal cord and fetal liver. Isoform 7 is expressed in most normal tissues but is not detected in prostate, uterus, skeletal muscle and breast. Isoform 8 is detected only in colon, bone marrow, testis, fetal brain and intestine. Isoform 9 is expressed in most normal tissues but is not detected in brain, heart, lung, fetal liver, salivary gland, breast or intestine.

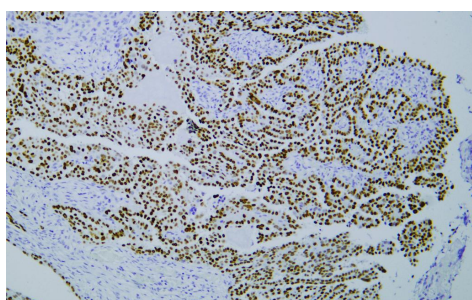
Validation Data



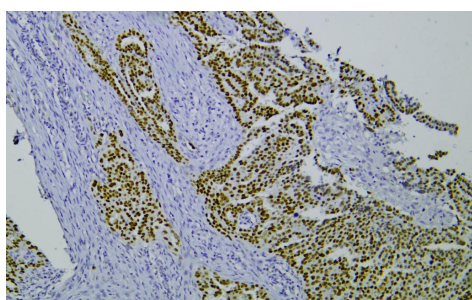
Human ovarian serous carcinoma tissue was stained with Anti-P53 Antibody



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