

## Product datasheet for **AM31197AF-N**

### **p53 (TP53) Mouse Monoclonal Antibody [Clone ID: B-P3]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	B-P3
Applications:	FC, IHC, IP, WB
Recommended Dilution:	<b>Western Blot.</b> <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <b>Flow Cytometry (Intra-cytoplasmic).</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant p53 protein
Specificity:	Recognises wild type and mutant p53, cross-react with p53 in other primates. The epitope is within residues 18-30 of Human p53.
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor protein p53
Database Link:	<a href="#">Entrez Gene 7157 Human</a> <a href="#">P04637</a>



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<b>Synonyms:</b>	Cellular tumor antigen p53, Tumor suppressor p53, Phosphoprotein p53, NY-CO-13
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
<b>Protein Pathways:</b>	Amyotrophic lateral sclerosis (ALS), Apoptosis, Basal cell carcinoma, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, Glioma, Huntington's disease, MAPK signaling pathway, Melanoma, Neurotrophin signaling pathway, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer, Thyroid cancer, Wnt signaling pathway