

bsm-33058M**[Primary Antibody]****Bioss**
ANTIBODIES

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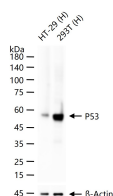
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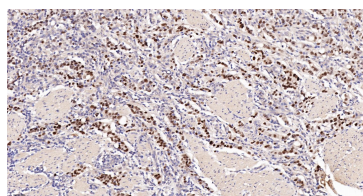
400-901-9800

P53 Mouse mAb**— DATASHEET —**

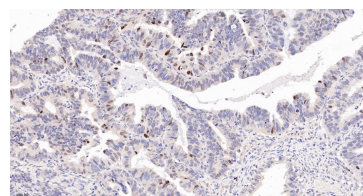
Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:500-2000) IHC-F (1:500-2000) IF (1:500-2000) Reactivity: Human Predicted MW.: 53 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Monoclonal	CloneNo.: 8D6	
GeneID: 7157	SWISS: P04637	
Target: P53		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277). [provided by RefSeq, Feb 2013].		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with P53 monoclonal antibody, unconjugated (bsm-33058M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with P53 Monoclonal Antibody, Unconjugated (bsm-33058M) at 1:600 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with P53 Monoclonal Antibody, Unconjugated (bsm-33058M) at 1:600 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=15.153]** Xu Chen. et al. Chiral Ruthenium Nanozymes with Self-Cascade Reaction Driven the NO Generation Induced Macrophage M1 Polarization Realizing the Lung Cancer “Cocktail Therapy” . SMALL. 2023 Apr;;2207823 WB ;Mouse. 37029560
- **[IF=11.161]** Cui Yuanbo. et al. RNA m6A demethylase FTO-mediated epigenetic up-regulation of LINC00022 promotes tumorigenesis in esophageal squamous cell carcinoma. J Exp Clin Canc Res. 2021 Dec;40(1):1-20 WB ;human. 34544449
- **[IF=9.429]** Li, Guang. et al. Synergetic delivery of artesunate and isosorbide 5-mononitrate with reduction-sensitive

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polymer nanoparticles for ovarian cancer chemotherapy. J NANOBIOTECHNOL. 2022 Dec;20(1):1-13 WB ;Human. 36335352

- **[IF=6.796]** Hongyan Yu. et al. TBBPA rather than its main derivatives enhanced growth of endometrial cancer via p53 ubiquitination. J ENVIRON SCI-CHINA. 2022 Dec;: WB,CoIP,IHC ;Human, Mouse. 10.1016/j.jes.2022.12.030
- **[IF=7]** Tao Tong. et al. Revitalizing Photoaging Skin through Eugenol in UVB-Exposed Hairless Mice: Mechanistic Insights from Integrated Multi-Omics. ANTIOXIDANTS-BASEL. 2024 Feb;13(2):168 IHC ;Mouse. 10.3390/antiox13020168