

**bsm-52181R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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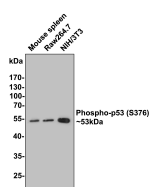
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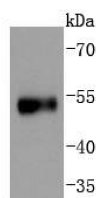
400-901-9800

**phospho-P53 (Ser376) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-1000)  <b>Reactivity:</b> Human, Mouse  <b>Predicted MW.:</b> 43 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 7C9	
<b>GeneID:</b> 7157	<b>SWISS:</b> P04637	
<b>Target:</b> P53 (Ser376)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human P53 around the phosphorylation site of Ser376: GQ(p-S)TS.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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 —**

Western blot analysis of Phospho-p53 (S376) on different lysates with Rabbit anti-Phospho-p53 (S376) antibody (bsm-52181R) at 1/500 dilution. Lane 1: Mouse spleen tissue lysate (20 µg/Lane). Lane 2: Raw264.7 cell lysate. Lane 3: NIH/3T3 cell lysate. Lysates/proteins at 10 µg/Lane. Predicted band size: 53 kDa. Observed band size: 53 kDa. Exposure time: 2 minutes; 10% SDS-PAGE gel.



Western blot analysis of Phospho-p53 (S376) on human skin lysates using anti-Phospho-p53 (S376) antibody at 1/1,000 dilution.