

## Product datasheet for **SM2140P**

### **p53 (TP53) (Wild type + Mutant) (181-190) Mouse Monoclonal Antibody [Clone ID: DO-11]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	DO-11
<b>Applications:</b>	IHC, IP, WB
<b>Recommended Dilution:</b>	Western Blot: 1/1000. Immunoprecipitation. Immunohistochemistry on frozen sections. Immunohistochemistry on paraffin sections: 1/1000; This product does require antigen retrieval using heat treatment prior to staining of paraffin sections; Sodium citrate buffer pH6.0 is recommended for this purpose. Recommended Positive Control: Colon or breast carcinoma.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Recombinant human p53. Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63Ag8.653 myeloma cell line.
<b>Specificity:</b>	This antibody recognises the p53 tumour suppressor protein, binding to both wild type and mutant forms. DO-11 recognises an epitope within the central region of p53 between amino acids 181 - 190.
<b>Formulation:</b>	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein G
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.



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**Gene Name:** tumor protein p53

**Database Link:** [Entrez Gene 7157 Human P04637](#)

**Synonyms:** Cellular tumor antigen p53, Tumor suppressor p53, Phosphoprotein p53, NY-CO-13