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## Product Datasheet

### Anti-p53 Antibody, Clone: [SPM589], Mouse, Monoclonal NSJ-V9089-100UG

Article Name	Anti-p53 Antibody, Clone: [SPM589], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V9089-100UG
Supplier Catalog Number	V9089-100UG
Alternative Catalog Number	NSJ-V9089-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P, WB
Species Reactivity	Human
Immunogen	Recombinant human wild type p53 protein was used as the immunogen for this anti-p53 antibody. Its epitope maps within the N-terminus (approx. amino acids 20-25).
Product Description	p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth, replication, and apoptosis....
Clonality	Monoclonal
Clone Designation	[SPM589]
UniProt	<a href="#">P04637</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	The optimal dilution of the anti-p53 antibody for each application should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.