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## Product Datasheet

### **Mouse anti P53 (TP53 tumor suppressor protein), Clone: [DO-1], Monoclonal NMB-MUB1501P**

Article Name	Mouse anti P53 (TP53 tumor suppressor protein), Clone: [DO-1], Monoclonal
Biozol Catalog Number	NMB-MUB1501P
Supplier Catalog Number	MUB1501P
Alternative Catalog Number	NMB-MUB1501P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, FC, ICC, IF, IHC-Fr, IHC-P, WB
Species Reactivity	Human
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. It binds to MDM2, SV40 T antigen and human papilloma virus E6 protein. Alterations of the p53 tumor supp...
Clonality	Monoclonal
Clone Designation	[DO-1]
Isotype	IgG2a kappa
UniProt	<a href="#">P04637</a>

Buffer	Each vial contains 100ul 1mg/ml purified monoclonal antibody in phosphate buffered saline (PBS) containing 0.05% sodium azide. DO-1 recognizes a 53kDa protein, which is identified as p53 suppressor gene product. It reacts with the mutant as well as the w
Source	DO-1 is a mouse monoclonal IgG2a antibody derived by fusion of mouse myeloma Sp2/0-Ag14 cells with spleen cells from BALB/c mice immunized with recombinant human wild type p53 protein expressed in E. coli.
Application Notes	The DO-1 antibody is suitable for the detection of p53 by Western blotting and detects a band of 53kDa in tumor tissue and cell extracts. The antibody is suitable for immunocytochemistry on permeabilized cells, and Immunohistochemistry on frozen and form