

# p53 Monoclonal Antibody (X77)

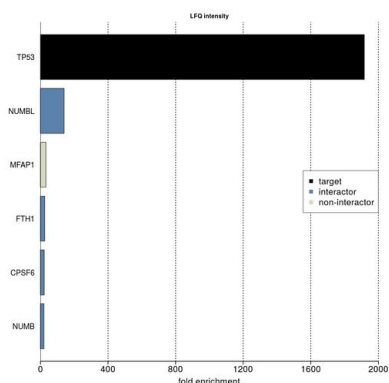
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Xenopus
Published Species	Xenopus
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	X77
Conjugate	Unconjugated
Immunogen	Full-length recombinant Xenopus p53
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A/G
Storage buffer	PBS
Contains	0.08% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_1077421

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay Dependent	-
Immunoprecipitation (IP)	Assay Dependent	-
Western Blot (WB)	1-10 µg/mL	1 Publication

## Product Specific Information

A suggested positive control for this product is HCT116 cell lysate.

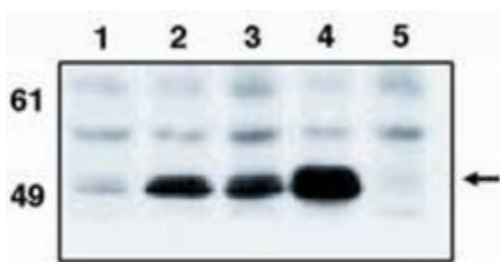
## Advanced Verification Data



### p53 Antibody (MA1-12549)

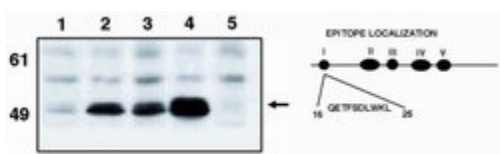
IP-MS enrichment of TP53 (LFQ intensity): TP53 was enriched 1917-fold from BT549 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and TP53 antibody (Product # MA1-12549). STRING database was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. IP-MS validation info.

## Product Images For p53 Monoclonal Antibody (X77)



### p53 Antibody (MA1-12549) in WB

Western blot analysis of p53 using a monoclonal antibody (Product # MA1-12549).



### p53 Antibody (MA1-12549) in WB

Western blot analysis of p53 using a monoclonal antibody (Product # MA1-12549).

[View more figures on thermofisher.com](https://www.thermofisher.com)

## 1 Reference

### Western Blot (1)

PLoS genetics

### The ribosome biogenesis factor Nol11 is required for optimal rDNA transcription and craniofacial development in *Xenopus*.

"MA1-12549 was used in western blot to determine the role of NOL11 in vertebrate ribosome biogenesis and craniofacial development"

Authors: Griffin JN, Sondalle SB, Del Viso F, Baserga SJ, Khokha MK

**Species**  
Xenopus

**Dilution**  
1:800

**Year**  
2015

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