

p53 Monoclonal Antibody (HR231)

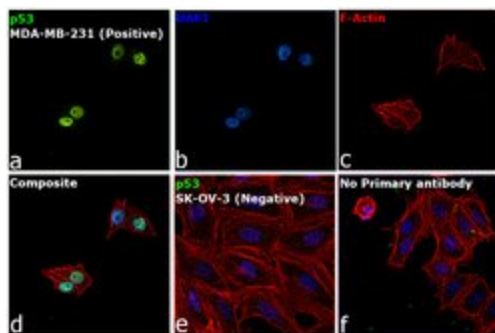
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	HR231
Conjugate	Unconjugated
Immunogen	Full-length recombinant human p53
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A/G
Storage buffer	PBS
Contains	0.08% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_1077418

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay Dependent	-
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Immunohistochemistry (IHC)	Assay Dependent	-
Immunoprecipitation (IP)	Assay Dependent	-
Western Blot (WB)	1-5 µg/mL	-

Product Specific Information

A suggested positive control for this product is breast or colon carcinoma cells.

Advanced Verification Data

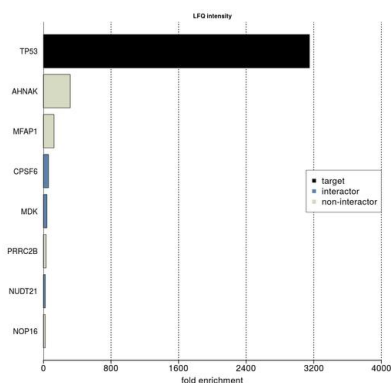
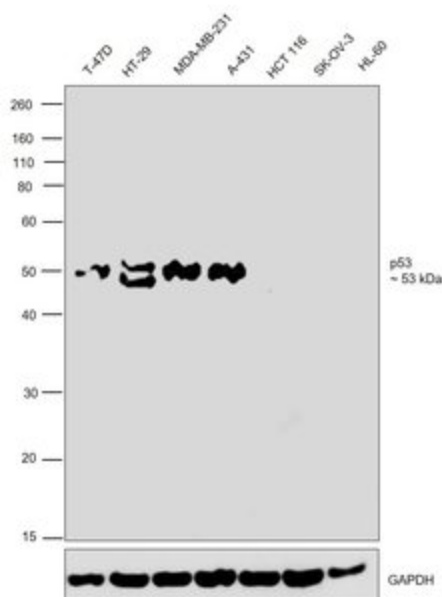


p53 Antibody (MA1-12648)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-p53 Monoclonal Antibody (HR231) (Product # MA1-12648), shows expression of p53 in MDA-MB-231 when compared to SK-OV-3. Relative expression validation info.

p53 Antibody (MA1-12648)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Cellular tumor antigen p53 was observed in T-47D, HT-29, MDA-MB-231 and A-431 which are reported to be positive and not in other cell lines like HCT 116, SK-OV-3 and HL-60 using Anti-p53 Monoclonal Antibody (HR231) (Product # MA1-12648) in Western Blot. Relative expression validation info.



p53 Antibody (MA1-12648)

IP-MS enrichment of TP53 (LFQ intensity): TP53 was enriched 3149-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 # MA1-12648). STRING database was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. IP-MS validation info.

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