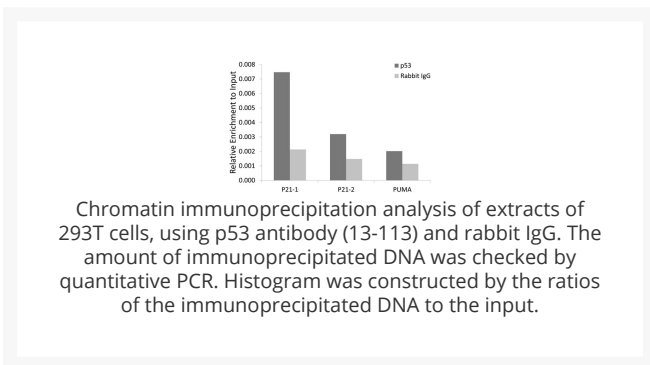
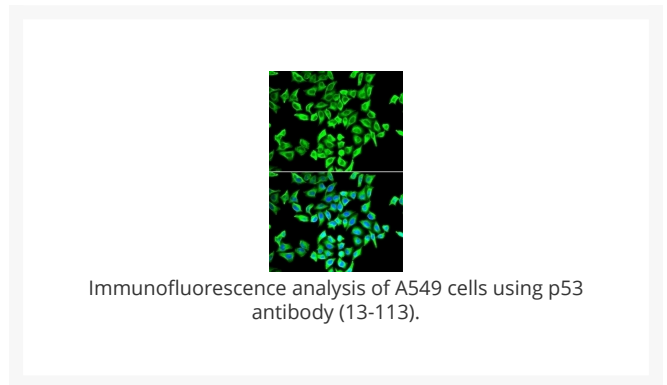
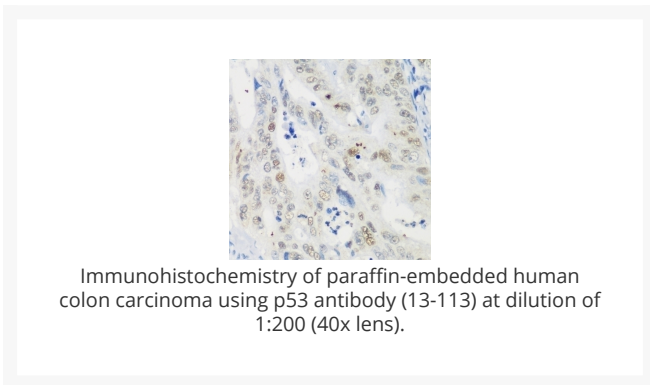
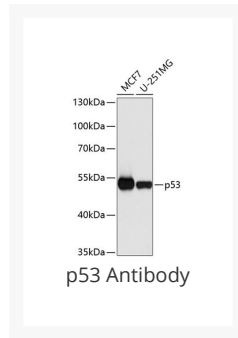




p53 Antibody

Cat. No.: 13-113



Ψ Specifications

HOST SPECIES:	Rabbit
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SPECIES REACTIVITY:	Human, Rat
IMMUNOGEN:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human p53 (NP_000537.3).
TESTED APPLICATIONS:	ChIP, IF, IHC, WB
APPLICATIONS:	WB: ,1:500 - 1:2000 IHC: ,1:50 - 1:200 IF: ,1:50 - 1:200 ChIP: ,1:50 - 1:100
POSITIVE CONTROL:	1) MCF7 2) U-251MG
PREDICTED MOLECULAR WEIGHT:	Observed: 53kDa

Ψ Properties

PURIFICATION:	Affinity purification
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
STORAGE CONDITIONS:	Store at -20 °C. Avoid freeze / thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	TP53
ALTERNATE NAMES:	TP53, P53, BCC7, LFS1, TRP53
GENE ID:	7157
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277).

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