

p53 antibody [Pab1801]

Cat. No. GTX70216

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP, ELISA, ChIP assay, RIA
Reactivity	Human

Reference (2)

Package

100 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
FACS	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
ChIP assay	Assay dependent
RIA	Assay dependent

Not tested in other applications.

Calculated MW 44 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No Preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.42 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Gel-purified fusion protein containing the coding region of human p53 expressed in E. coli.

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Purification Protein G purified
From tissue culture supernatant

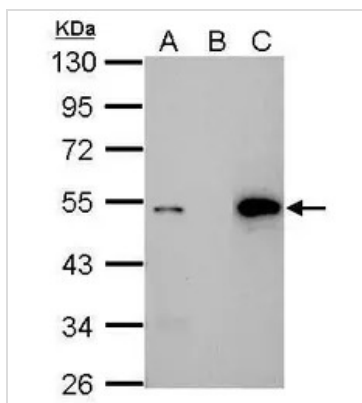
Conjugation Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

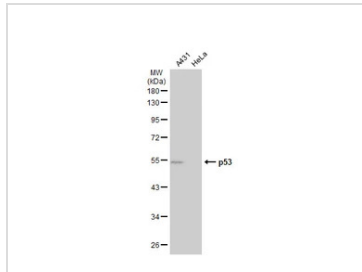
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DATA IMAGES



GTX70216 IP Image

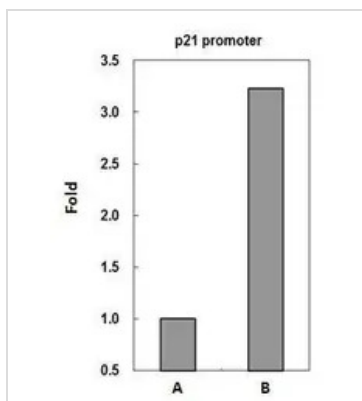
Immunoprecipitation of p53 protein. HCT116 lysates with 30uM cisplatin treatment for 24 hours were subjected to immunoprecipitation using (B) normal mouse IgG or (C) 2.5 ug of anti-p53 antibody (GTX70216). (A) Input, 20ug of HCT116 lysate. The precipitated protein was detected by GTX70216 diluted at 1:10000. EasyBlot anti-Mouse IgG Kit (GTX225857-01) was used in Western blot.



GTX70216 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [Pab1801] (GTX70216) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

The observed expression level is based on the publication: PMID: 23696801



GTX70216 ChIP assay Image

p53 antibody immunoprecipitates p53 protein-DNA complex in ChIP experiments. ChIP Sample: HCT116 whole cell lysate/extract treated with CPT 500nM for 6hr

A. 5 µg preimmune mouse IgG

B. 5 µg of p53 antibody (GTX70216)

The precipitated DNA was detected by PCR with primer set targeting to p21 promoter.



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