

p53 (phospho Ser315) antibody [#18]

Cat. No. GTX00678

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, ELISA
Reactivity	Human

References (1)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:2000
ICC/IF	Assay dependent
IHC-P	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	No preservatives
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide containing phospho-Ser315 of p53
Purification	Purified IgG From tissue culture supernatant
Conjugation	Unconjugated



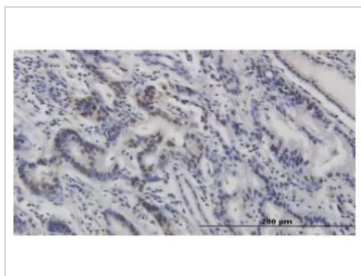
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Note

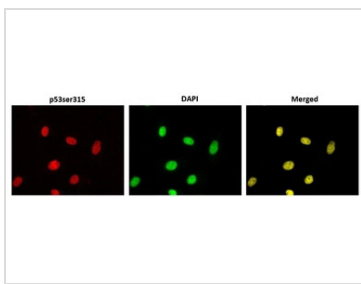
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DATA IMAGES



GTX00678 IHC-P Image

IHC-P analysis of Human stomach cancer tissue section using GTX00678 p53 (phospho Ser315) antibody [#18].



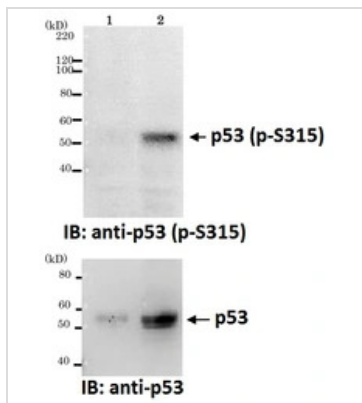
GTX00678 ICC/IF Image

ICC/IF analysis of HeLa cells treated with 100 nM Doxorubicin for 24 hrs using GTX00678 p53 (phospho Ser315) antibody [#18].

Dilution : 1:1000 in 1% BSA in PBS, overnight, 4 degree C

Fixation : 4% PFA, overnight

Permeabilization : 0.25% Triton X-100 in PBS for 10 min



GTX00678 WB Image

WB analysis of various samples using GTX00678 p53 (phospho Ser315) antibody [#18] (upper) or GTX70214 p53 antibody [DO1] (lower).

Lane 1 : untreated MCF cells

Lane 2 : MCF cells treated with nocodazole at 100 ng/ml for 48 hrs



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