

SMC1 (phospho Ser966) antibody

Cat. No. GTX21276

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP, ELISA, PLA
Reactivity	Human, Mouse

Reference (2)
Package
50 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500 - 1:5000
ICC/IF	1:250 - 1:1000
IHC-P	1:500 - 1:2000
IP	2 - 6 µg/mg lysate
ELISA	1:100 - 1:2000
PLA	1:1000 - 1:20000

Not tested in other applications.

Calculated MW 143 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	Tris-Citrate/Phosphate
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Immunogen for this antibody was a phosphorylated synthetic peptide, which represented a portion of human Structural Maintenance of Chromosomes 1 (GeneID 8243) around serine 966 according to the numbering given in entry NP_006297.2.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



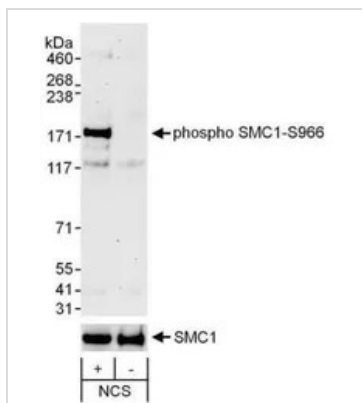
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Note

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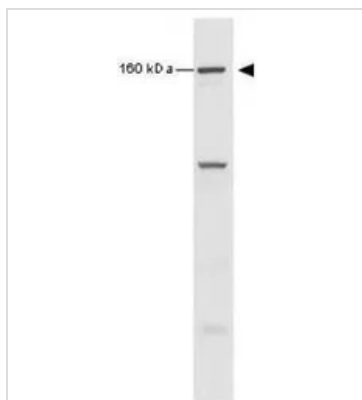
DATA IMAGES



GTx21276 WB Image

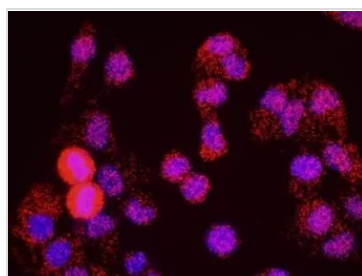
WB analysis of NCS treated(+: 200 ng/ml; 1h) or mock treated (-) HeLa cell using GTx21276 SMC1 (phospho Ser966) antibody.

Dilution : 0.1 µg/ml



GTx21276 WB Image

WB analysis of HeLa cells (30 µg/lane) treated with 10 Gy ionizing irradiation using GTx21276 SMC1 (phospho Ser966) antibody.



GTx21276 PLA Image

PLA analysis of HeLa cells using GTx21276 SMC1 (phospho Ser966) antibody and anti-human SA1 antibody.

Red : positive signal

Blue : DAPI



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