

SUMO1 antibody [4D12]

Cat. No. GTX00701

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-Fr, ELISA
Reactivity	Human, Mouse, Rat, Simian

References (2)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	1:100
IHC-Fr	1:100
ELISA	Assay dependent

Not tested in other applications.

Calculated MW 12 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Filter-sterilized 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	Recombinant GST-fused human SUMO1 (full length)
Purification	Purified IgG From tissue culture supernatant
Conjugation	Unconjugated



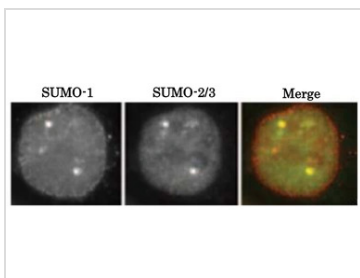
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Note

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DATA IMAGES

**GTX00701 ICC/IF Image**

ICC/IF analysis of C-33A cells using GTX00701 SUMO1 antibody [4D12].

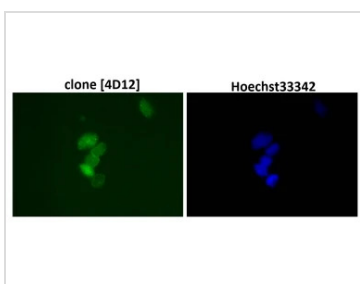
SUMO-1 colocalizes with SUMO2/3.

Left : anti-SUMO-1 antibody (4D12)

Middle : anti-SUMO2/3 antibody (3H12)

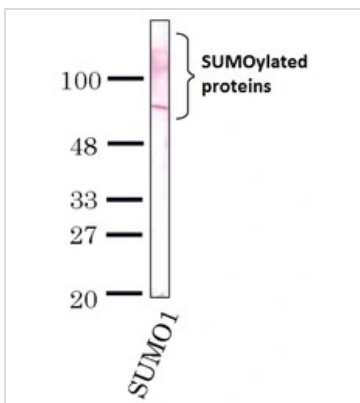
Right : Merged image

Dilution : 10 µg/ml

**GTX00701 ICC/IF Image**

ICC/IF analysis of mouse primary culture neurons using GTX00701 SUMO1 antibody [4D12].

Dilution : 10 µg/ml

**GTX00701 WB Image**

WB analysis of HeLa whole cell lysate using GTX00701 SUMO1 antibody [4D12].

The 80 kDa band would be SUMO-RanGAP.

Dilution : 1 µg/ml



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