

Product Datasheet

SUMO2/3 Antibody (C-term E69) (orb30227)

Catalog Number	orb30227
Category	Antibodies
Description	Purified rabbit polyclonal antibody.
Target	SUMO3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Hamster, Mouse, Other, Porcine, Rat, Zebrafish
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	Synthetic Peptide
UniProt ID	P55854
MW	11637
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50

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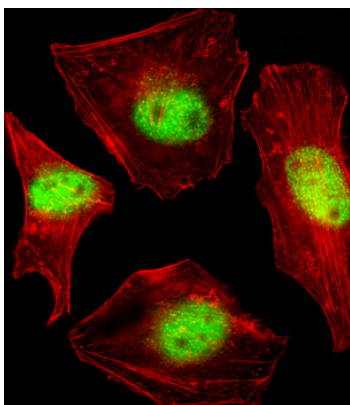
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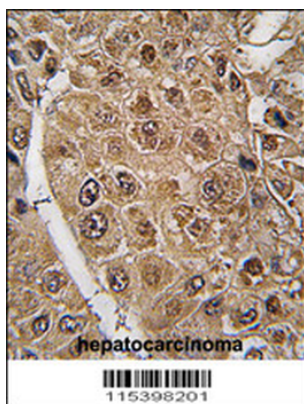
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_008867.2
Expiration Date	12 months from date of receipt.



Fluorescent confocal image of HeLa cell stained with SUMO2/3 Antibody (C-term E69). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with SUMO2/3 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). SUMO2/3 immunoreactivity is localized to Nucleus significantly.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with SUMO2/3 antibody (C-term E69), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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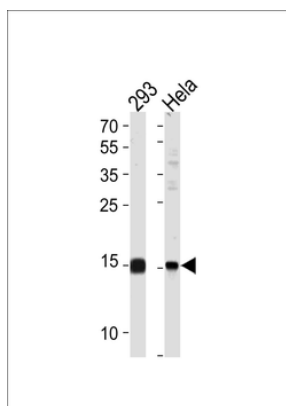
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SUMO2/3 Antibody (C-term E69) western blot analysis in 293, HeLa cell line lysates (35 ug/lane). This demonstrates the SUMO2/3 antibody detected the SUMO2/3 protein (arrow).

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