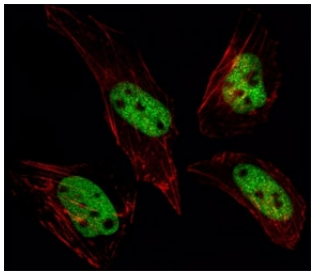
SUMO Antibody (F42009)

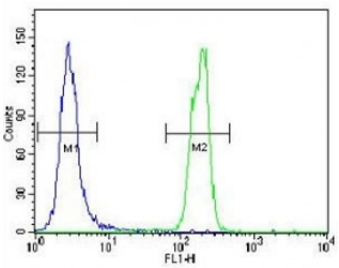
Catalog No.	Formulation	Size
F42009-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42009-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

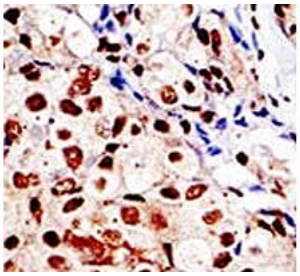
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P63165
Applications	Immunofluorescence: 1:10-1:50 Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This SUMO antibody is available for research use only.



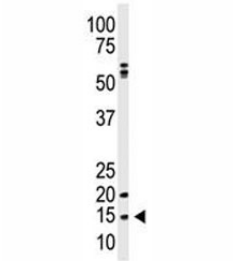
Fluorescent image of HeLa cells stained with SUMO antibody at 1:25. SUMO1 immunoreactivity is localized to the nucleus.



SUMO antibody flow cytometric analysis of HeLa cells (right histogram) compared to anegative control(left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



IHC analysis of FFPE human breast carcinoma tissue stained with the SUMO antibody



Western blot analysis of SUMO antibody and A375 lysate. Predicted molecular weight: 12-15 kDa

Description

Covalent modification of target lysines by SUMO (small ubiquitin-like modifier) modulates processes such as protein localization, transcription, nuclear transport, mitosis, DNA replication and repair, signal transduction, and viral reproduction.

Application Notes

Titration of the SUMO antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 52-79 from the human protein was used as the immunogen for this SUMO antibody.

Storage

Aliquot the SUMO antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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