Recombinant Sumo 1 Monoclonal Antibody

catalog number: **AN300863L**

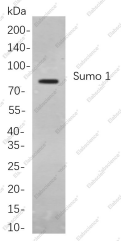
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Sumo 1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110487
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:2000-1:10000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

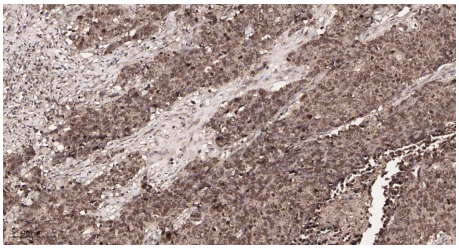
Data



Western Blot with Recombinant Sumo 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Jurkat cells.

Observed-MW:80 kDa

Calculated-MW:12 kDa



Immunohistochemistry of paraffin-embedded human lung carcinoma tissue using Recombinant Sumo 1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized.

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