

A Reliable Research Partner in Life Science and Medicine

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
 IgG,κ

 Clone
 B810

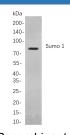
 Purification
 Protein A

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

Data



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

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

Observed-MW:80 kDa Calculated-MW:12 kDa

Preparation & Storage

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

Shipping lce 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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