

A3331

Leader in Biomolecular Solutions for Life Science



SP1 Mouse mAb

Catalog No.: A3331

Basic Information

Observed MW

102kDa

Calculated MW

81kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,FC,ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:20 - 1:50
FC	1:20 - 1:50

Immunogen Information

Gene ID

6667

Swiss Prot

P08047

Immunogen

Recombinant protein of human SP1

Synonyms

SP1

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

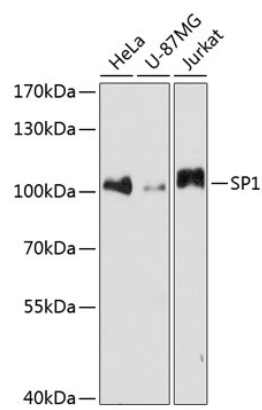
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of various lysates using SP1 Mouse mAb (A3331) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.