

Datasheet for ABIN932488
anti-SATB1 antibody

2 Images



[Go to Product page](#)

Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | SATB1 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Application: | Immunocytochemistry (ICC), Dot Blot (DB) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | SATB1 antibody was raised in mouse using recombinant Human Satb Homeobox 1 (Satb1) |
| Clone: | 3548D4_2a |
| Isotype: | IgG2b |
| Cross-Reactivity: | Human |
| Cross-Reactivity (Details): | Other species not studied. |
| Purification: | Protein G affinity chromatography |

Target Details

| | |
|-------------------|---|
| Target: | SATB1 |
| Alternative Name: | SATB1 (SATB1 Products) |
| Background: | The protein encoded by this gene binds to DNA at special AT-rich sequences at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double- |

Target Details

stranded DNA. Synonyms: Monoclonal SATB1 antibody, Anti-SATB1 antibody, Special AT rich sequence binding protein 1 antibody, SATB homeobox 1 antibody.

Pathways:

[Caspase Cascade in Apoptosis, Activated T Cell Proliferation](#)

Application Details

Application Notes:

ICC: 2-100 µg/mL

Optimal conditions should be determined by the investigator.

Restrictions:

For Research Use only

Handling

Concentration:

Lot specific

Buffer:

SATB1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

Preservative:

Sodium azide

Precaution of Use:

This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice:

Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage:

4 °C/-20 °C

Storage Comment:

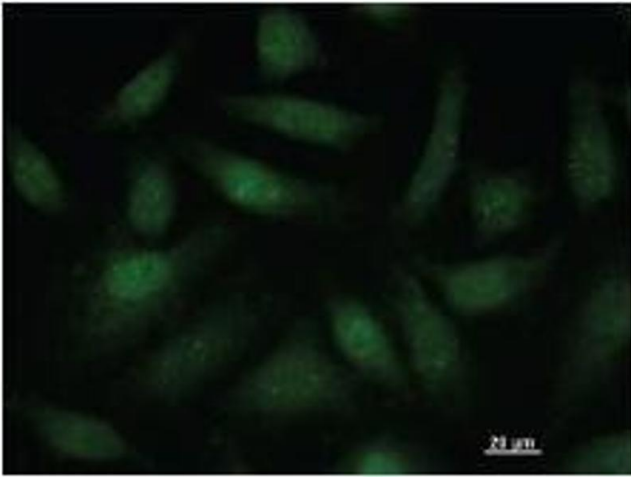
Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.

Images



Western Blotting

Image 1.



Immunofluorescence

Image 2. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-SATB1 antibody.