

Datasheet for ABIN930943

anti-BAZ1B antibody**3** Images[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	BAZ1B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAZ1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Flow Cytometry (FACS), Dot Blot (DB)

Product Details

Immunogen:	BAZ1 B antibody was raised in mouse using recombinant Baz1 For Bromodomain Adjacent To Zinc Finger Domain 1 ,
Clone:	BAZ1H4H9
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	BAZ1B
Alternative Name:	BAZ1B (BAZ1B Products)

Target Details

Background: This gene encodes a member of the bromodomain protein family. The bromodomain is a structural motif characteristic of proteins involved in chromatin-dependent regulation of transcription. This gene is deleted in Williams-Beuren syndrome, a developmental disorder caused by deletion of multiple genes at 7q11.23. Synonyms: Monoclonal BAZ1B antibody, Anti-BAZ1B antibody, Bromodomain adjacent to zinc finger domain antibody.

Pathways: [Nuclear Hormone Receptor Binding](#), [Chromatin Binding](#)

Application Details

Application Notes: WB: 0.2-2 µg/mL, FC: 0.5-2 µg/sample, ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: BAZ1 B 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).

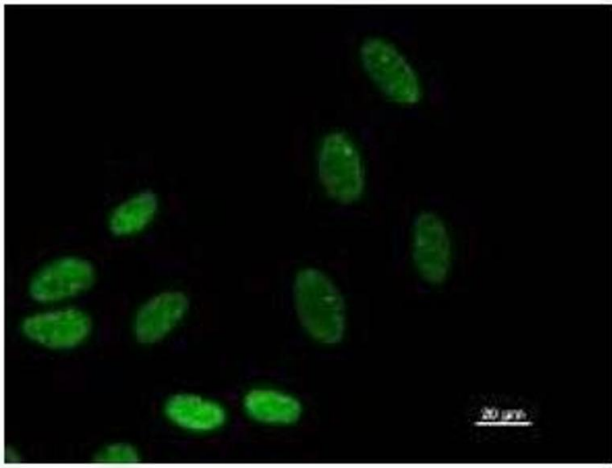
Preservative: Sodium azide

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.

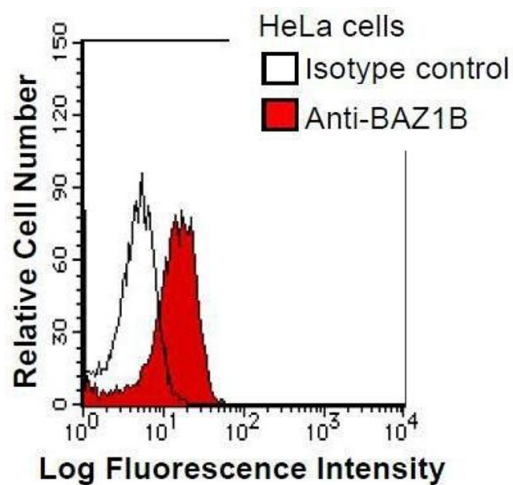
Storage: 4 °C/-20 °C

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



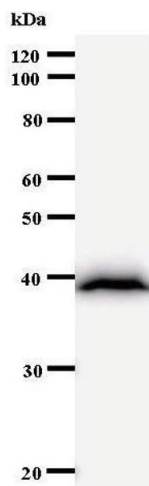
Immunofluorescence

Image 1. 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-BAZ1B antibody.



Flow Cytometry

Image 2. HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-BAZ1B antibody (shaded) or isotype control (unshaded) followed by Alexa Fluor 488 conjugated goat anti-mouse IgG.



Western Blotting

Image 3.