

Datasheet for ABIN933128
anti-ZW10 antibody

2 Images



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Overview

Quantity:	100 µg
Target:	ZW10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZW10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP), Dot Blot (DB)

Product Details

Immunogen:	ZW10 antibody was raised in mouse using recombinant Human Zw10, Kinetochores Associated, Homolog (Drosophila) (Zw10)
Clone:	3363C4a
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	ZW10
Alternative Name:	ZW10 (ZW10 Products)

Target Details

Background: The interaction with Sm proteins inhibits their assembly on U RNA and interferes with snRNP biogenesis. Inhibits the binding of survival motor neuron protein (SMN) to Sm proteins. May participate in cellular volume control by activation of a swelling-induced chloride conductance pathway. Synonyms: Monoclonal ZW10 antibody, Anti-ZW10 antibody, HZW10 antibody, KNTC1AP antibody, MGC149821 antibody.

Application Details

Application Notes: WB: 0.2-2 µg/mL, IP: 100-500 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: ZW10 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).

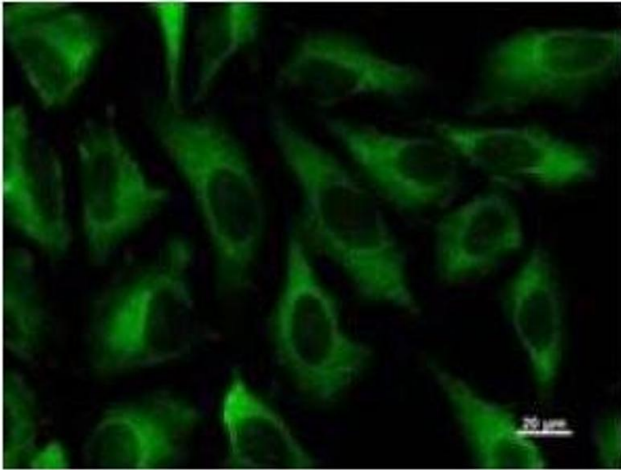
Preservative: Sodium azide

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.

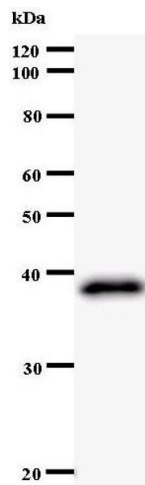
Storage: 4 °C/-20 °C

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-ZW10 antibody.



Western Blotting

Image 2.