

Datasheet for ABIN931001
anti-CHD1L antibody



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2 Images

Overview

Quantity:	50 µg
Target:	CHD1L
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHD1L antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	CHD1 L antibody was raised in mouse using recombinant Human Chromodomain Helicase Dna Binding Protein 1-Like (Chd1)
Clone:	2170C3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	CHD1L
Alternative Name:	CHD1L (CHD1L Products)

Target Details

Background: CHD1L is a DNA helicase which plays a role in chromatin-remodeling following DNA damage. Targeted to sites of DNA damage through interaction with poly(ADP-ribose) and functions to regulate chromatin during DNA repair. Able to catalyze nucleosome sliding in an ATP-dependent manner. Helicase activity is strongly stimulated upon poly(ADP-ribose) binding. Synonyms: Monoclonal CHD1L antibody, Anti CHD1L antibody, Chromodomain helicase DNA binding protein 1 like antibody, ALC1 antibody, CHDL antibody, FLJ22530 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: CHD1 L 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).

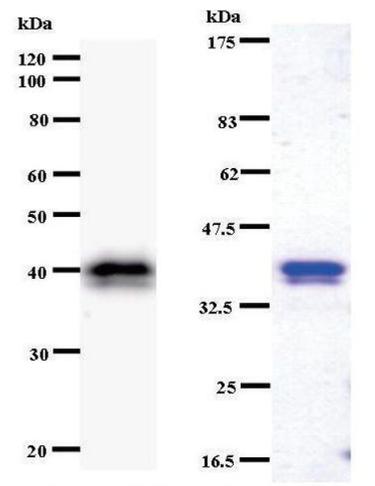
Preservative: Sodium azide

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.

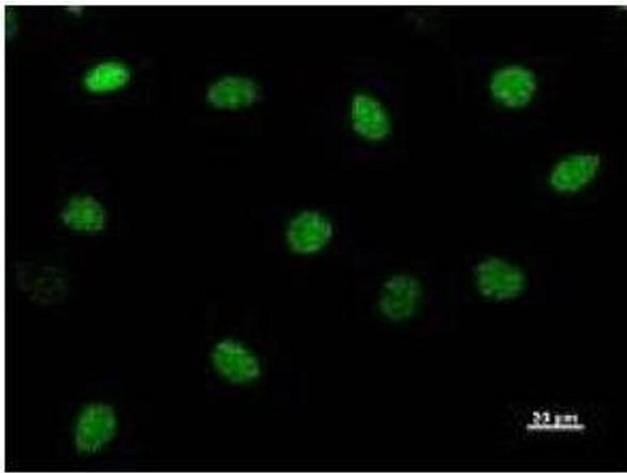
Storage: 4 °C/-20 °C

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



Western Blotting

Image 1. Left: CHD1L staining. Right: Coomassie Blue staining of immunized recombinant protein.



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-CHD1L antibody.