

Datasheet for ABIN931026
anti-CRNKL1 antibody

2 Images



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CRNKL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CRNKL1 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	CRNKL1 antibody was raised in mouse using recombinant Human Crn, Crooked Neck-Like 1 (Drosophila) (Crnk1)
Clone:	2212C1a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	CRNKL1
Alternative Name:	CRNKL1 (CRNKL1 Products)

Target Details

Background: The crooked neck (crn) gene of *Drosophila* is essential for embryogenesis and is thought to be involved in cell cycle progression and pre-mRNA splicing. This gene is similar in sequence to crn and encodes a protein which can localize to premRNA splicing complexes in the nucleus. The encoded protein, which contains many tetratricopeptide repeats, is required for pre-mRNA splicing. Synonyms: Monoclonal CRNKL1 antibody, Anti-CRNKL1 antibody, Crooked neck pre-mRNA splicing factor-like 1 antibody, CRN antibody, HCRN antibody, MSTP021 antibody.

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

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: CRNKL1 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).

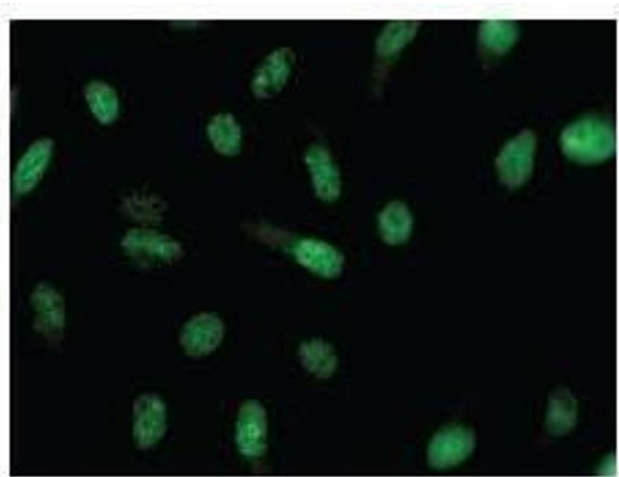
Preservative: Sodium azide

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.

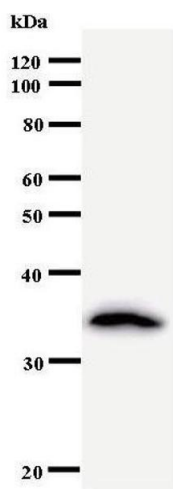
Storage: 4 °C/-20 °C

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-CRNKL1 antibody.



Western Blotting

Image 2.