

Datasheet for ABIN931145
anti-HEXIM1 antibody



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2 Images

Overview

Quantity:	50 µg
Target:	HEXIM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HEXIM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	HEXIM1 antibody was raised in mouse using recombinant Human Hexamethylene Bis-Acetamide Inducible 1
Clone:	2416C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	HEXIM1
Alternative Name:	HEXIM1 (HEXIM1 Products)

Target Details

Background: This gene is a transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. May also regulate NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Synonyms: Monoclonal HEXIM1 antibody, Anti-HEXIM1 antibody, Hexamethylene bis- acetamide inducible 1 antibody, CLP1 antibody, EDG1 antibody, HIS1 antibody, MAQ1 antibody, FLJ13562 antibody.

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: HEXIM1 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).

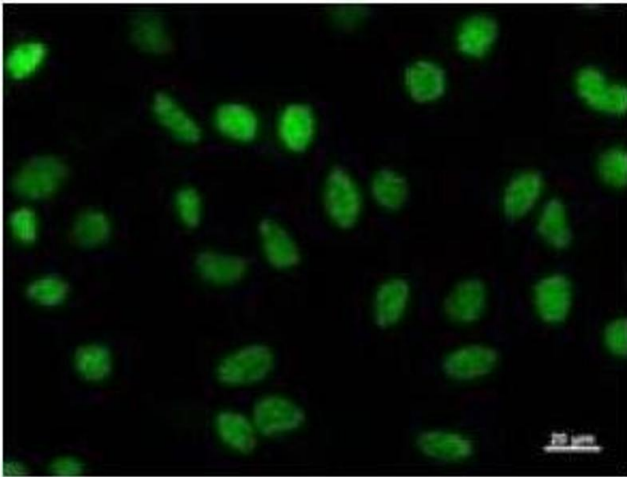
Preservative: Sodium azide

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.

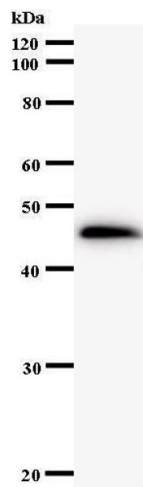
Storage: 4 °C/-20 °C

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-HEXIM1 antibody.



Western Blotting

Image 2.