

Datasheet for ABIN931093 **anti-EIF4ENIF1 antibody**

2 Images



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EIF4ENIF1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EIF4ENIF1 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	EIF4 ENIF1 antibody was raised in mouse using recombinant Human Eukaryotic Translation Initiation Factor 4 Nuclear Import Factor 1 (Eif4 nif1)
Clone:	2314C3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	EIF4ENIF1
Alternative Name:	EIF4ENIF1 (EIF4ENIF1 Products)

Target Details

Background: The protein encoded by this gene is a nucleocytoplasmic shuttle protein for the translation initiation factor eIF4E. This shuttle protein interacts with the importin alpha-beta complex to mediate nuclear import of eIF4E. It is predominantly cytoplasmic, its own nuclear import is regulated by a nuclear localization signal and nuclear export signals. Synonyms: Monoclonal EIF4ENIF1 antibody, Anti-EIF4ENIF1 antibody, Eukaryotic translation initiation factor 4E nuclear import factor 1 antibody, 4E-T antibody, Clast4 antibody, FLJ21601 antibody.

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: EIF4 ENIF1 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).

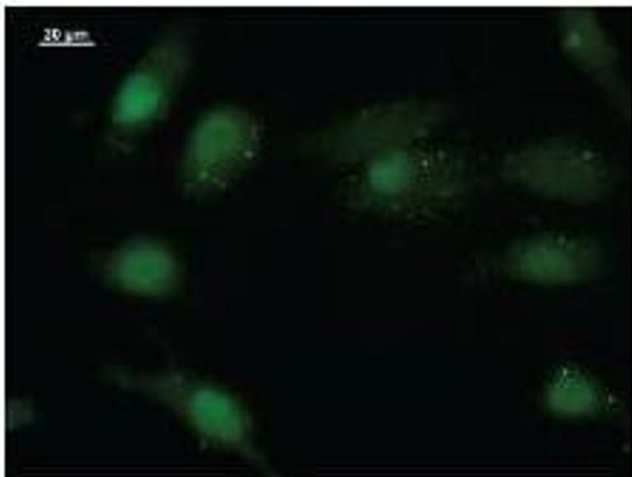
Preservative: Sodium azide

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.

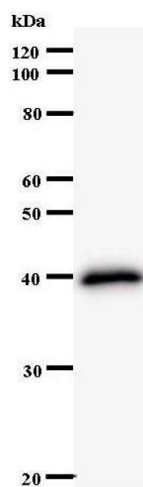
Storage: 4 °C/-20 °C

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-EIF4ENIF1 antibody.



Western Blotting

Image 2.