

Datasheet for ABIN4909081

anti-EIF4B antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EIF4B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EIF4B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EIF4B monoclonal antibody is generated from mouse immunized with EIF4B recombinant protein.
Clone:	5C5
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	EIF4B
Alternative Name:	EIF4B (EIF4B Products)

Target Details

Background:	Synonyms: EIF-4B, PR01843, Eukaryotic translation initiation factor 4B, EIF4B Background: Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.
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Gene ID:	1975
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UniProt:	P23588
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Application Details

Application Notes:	WB 1:300-5000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.5 µg/µL
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Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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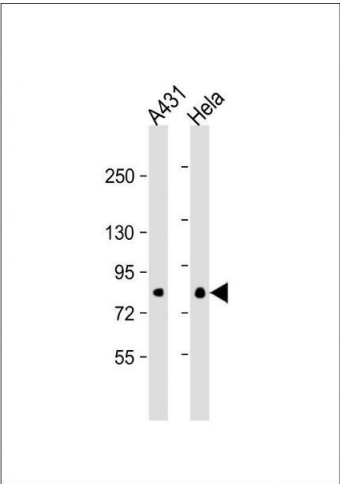
Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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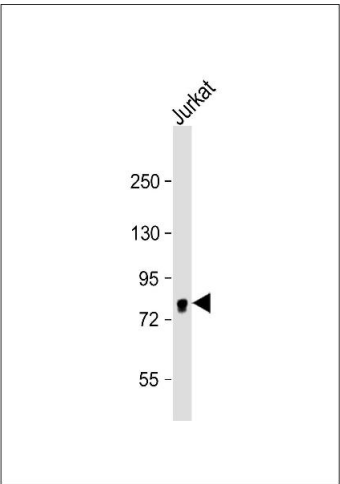
Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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Western Blotting

Image 1. Lane 1: A431, Lane 2: HeLa cell lysate at 20 µg per lane. probed with bsm-51102M EIF4B (355CT12.6.5) Monoclonal Antibody at 1:1000 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*



Western Blotting

Image 2. Jurkat cell lysate probed with bsm-51102M EIF4B (355CT12.6.5) Monoclonal Antibody at 1:1000 dilution and 4 °C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*