

Product datasheet

Anti-hnRNP M3-M4 antibody [2A6-2H3] ab128143

2 Images

Overview

Product name	Anti-hnRNP M3-M4 antibody [2A6-2H3]
Description	Mouse monoclonal [2A6-2H3] to hnRNP M3-M4
Host species	Mouse
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Full length native Human proteins hnRNP M3-M4 (NP_005959.2, NP_112480.2)
Positive control	293T cell lysate, HeLa cell lysate, Jurkat cell lysate, NIH 3T3 cell lysate
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. The product can be stored for up to 12 months.

Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 99% Tris buffered saline, 0.1% BSA
Purity	pH 7 to 8 IgG fraction
Purification notes	ab128143 was produced via Mouse Hybridoma. The hybridoma was grown in a bioreactor and the antibody was purified using a mouse immunoglobulin binding ligand.
Clonality	Monoclonal
Clone number	2A6-2H3
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab128143** in the following tested applications.

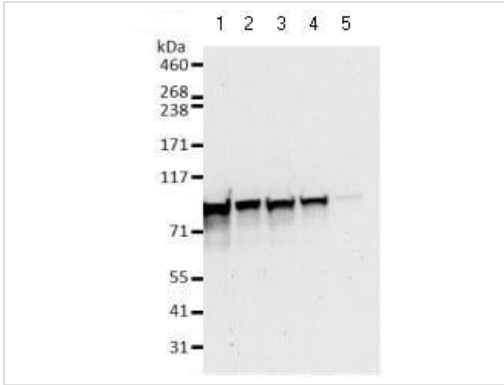
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 77 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function	Pre-mRNA binding protein in vivo, binds avidly to poly(G) and poly(U) RNA homopolymers in vitro. Involved in splicing. Acts as a receptor for carcinoembryonic antigen in Kupffer cells, may initiate a series of signaling events leading to tyrosine phosphorylation of proteins and induction of IL-1 alpha, IL-6, IL-10 and tumor necrosis factor alpha cytokines.
Sequence similarities	Contains 3 RRM (RNA recognition motif) domains.
Post-translational modifications	Sumoylated.
Cellular localization	Nucleus, nucleolus.

Images



Western blot - Anti-hnRNP M3-M4 antibody [2A6-2H3] (ab128143)

All lanes : Anti-hnRNP M3-M4 antibody [2A6-2H3] (ab128143) at 0.04 µg/ml

Lane 1 : 293T cell lysate at 50 µg

Lane 2 : 293T cell lysate at 15 µg

Lane 3 : HeLa cell lysate at 50 µg

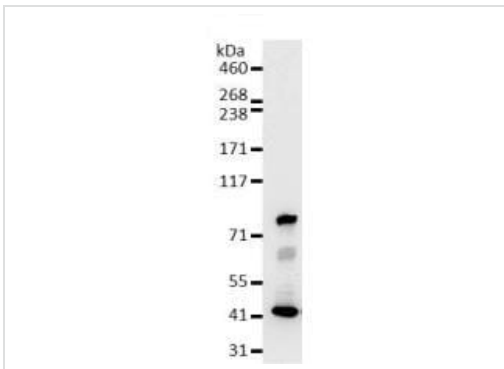
Lane 4 : Jurkat cell lysate at 50 µg

Lane 5 : NIH 3T3 cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 77 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-hnRNP M3-M4 antibody [2A6-2H3] (ab128143)

Immunoprecipitation : 1 mg of 293T cell lysate

immunoprecipitated with ab128143 at 3 µg/mg lysate; 20% of immunoprecipitate loaded in lane

Western Blot: ab128143 at 0.04 µg/ml

developed using the ECL technique

Exposure time : 30 seconds

Predicted band size : 77 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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