

hnRNP M3/4 Monoclonal Antibody [2A6-2H3]

Mouse Monoclonal

Purified		RefSeq ID	NP_112480.2
Catalog No.	A500-011A	Uniprot ID	P52272
Lot No.	3	GeneID	4670

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (10 blots)
CONCENTRATION	40 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG2b
CLONE #	2A6-2H3
ORIGIN	USA

PRODUCTION PROCEDURES The immunogen was hnRNP M1-4 Proteins (GeneID 4670).

The hybridoma was grown in a bioreactor and the antibody was purified using a mouse immunoglobulin binding ligand. This antibody recognizes hnRNPs M1 thru M4.

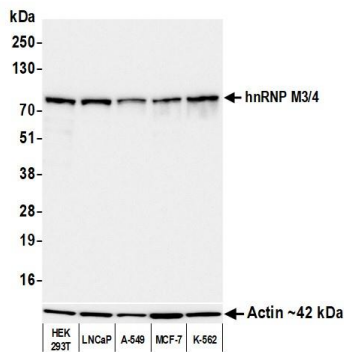
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	20 µl/mg lysate

APPLICATION NOTES Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE.

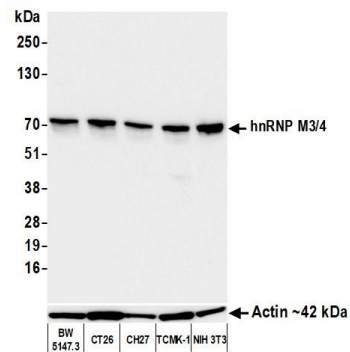
ADDITIONAL INFO <https://www.fortislife.com/p/A500-011A>
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 20, 2023



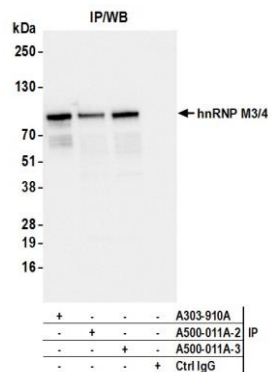
Detection of human hnRNP M3/4 by western blot.

Samples: Whole cell lysate (5 µg) from HEK293T, LNCaP, A-549, MCF-7, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-hnRNP M3/4 monoclonal antibody [2A6-2H3] (A500-011A lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Detection:* Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of mouse hnRNP M3/4 by western blot.

Samples: Whole cell lysate (10 µg) from BW5147.3, CT26, CH27, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-hnRNP M3/4 monoclonal antibody [2A6-2H3] (A500-011A lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human hnRNP M3/4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg per IP; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Mouse anti-hnRNP M3/4 monoclonal antibody [2A6-2H3] (A500-011A lot 3) used for IP at 20 µl/mg lysate. hnRNP M3/4 was also immunoprecipitated by a previous lot of this antibody (A500-011A lot 2) and a second antibody against a different epitope of hnRNP M3/4 (A303-910A). For blotting immunoprecipitated hnRNP M3/4, A500-011A was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 1 second.