

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

Mouse Monoclonal

Purified Protein ID NP_005959.2
Catalog No. A500-011A GeneID 4670
Lot No. A500-011A-2



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.

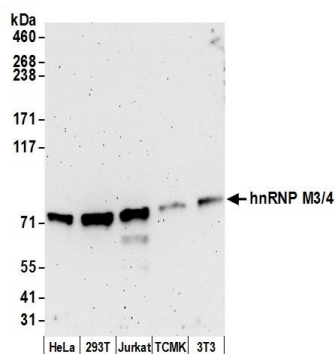
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1000
Immunoprecipitation 20 µl/mg lysate

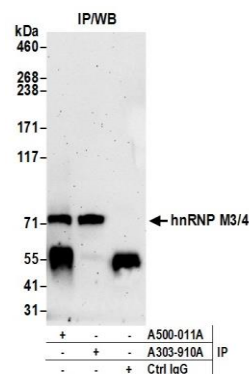
APPLICATION NOTES Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/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.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human and mouse hnRNP M3/4 by western blot. *Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Mouse monoclonal anti-hnRNP M3/4 antibody [2A6-2H3] (A500-011A lot 2) used for WB at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 3 minutes.



Detection of human hnRNP M3/4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Mouse monoclonal anti-hnRNP M3/4 antibody [2A6-2H3] (A500-011A lot 2) used for IP at 20 µl per reaction. hnRNP M3/4 was also immunoprecipitated by rabbit anti-hnRNP M3/4 antibody A303-910A. For blotting immunoprecipitated hnRNP M3/4, A500-011A was used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 3 minutes.