

Product Datasheet

Muscleblind-like 1 Antibody (3E7) - Azide and BSA Free H00004154-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00004154-M02

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00004154-M02



H00004154-M02

Muscleblind-like 1 Antibody (3E7) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4154
Gene Symbol	MBNL1
Species	Human, Mouse
Specificity/Sensitivity	MBNL1 - muscleblind-like (Drosophila)
Immunogen	MBNL1 (AAH43493, 1 a.a. ~ 382 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAVSVTPIRDTKWLTLEVCREFQRGTCSRPDTECKFAHPSKSCQVENGRVIAC FDSLKGRCsRENCKYLHPPPHLKTQLEINGRNNLIQQKNMAMLAQQMQLANA MMPGAPLQPVPMFSVAPSLATNASAAAFNPYLGPVSPSLVPAEILPTAPMLVT GNPGVPVPAAAAAAAQKLIRTDRLVCREYQQRGNCNRGENDCRFAHPADSTM IDTNDNTVTVCMDYIKGRCSREKCKYFHPPAHLQAKIKAAQYQVNQAAAAQAA ATAAAMGIPQAVLPPLPKRPALEKTNGATAVFNTGIFQYQQALANMQLQQHTA FLPPGSILCMTPTSVVPMVHGATPATVSAATTSATSVPFATATANQIPIISAEH LTSHKYVTQM
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

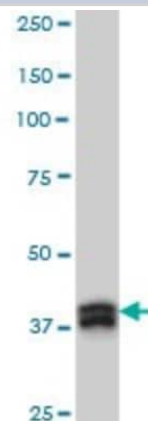
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

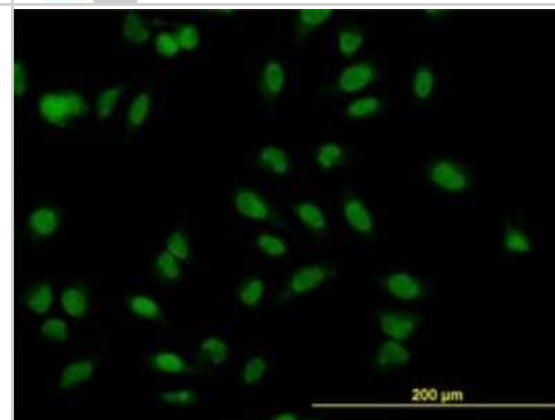


Images

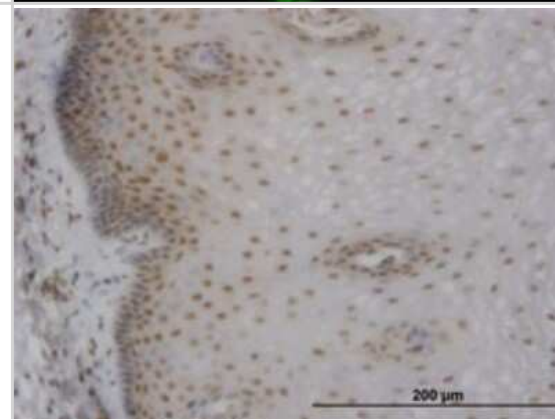
Western Blot: Muscleblind-like 1 Antibody (3E7) [H00004154-M02] - MBNL1 monoclonal antibody (M02), clone 3E7 Analysis of MBNL1 expression in Hela S3 NE.



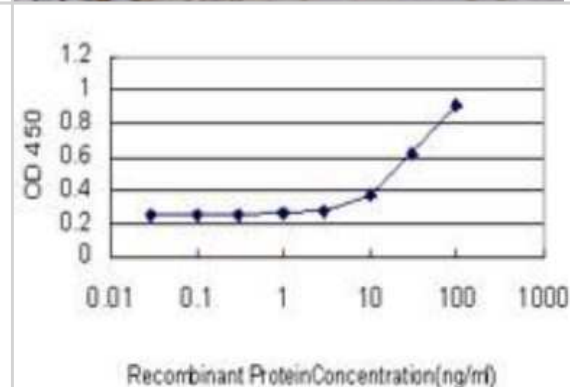
Immunocytochemistry/Immunofluorescence: Muscleblind-like 1 Antibody (3E7) [H00004154-M02] - Analysis of monoclonal antibody to MBNL1 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: Muscleblind-like 1 Antibody (3E7) [H00004154-M02] - Analysis of monoclonal antibody to MBNL1 on formalin-fixed paraffin-embedded human esophagus. Antibody concentration 0.75 ug/ml.



ELISA: Muscleblind-like 1 Antibody (3E7) [H00004154-M02] - Muscleblind-like 1 Antibody (3E7) [H00004154-M02] - Detection limit for recombinant GST tagged MBNL1 is approximately 3ng/ml as a capture antibody.



Publications

Yadava R, Kim Y, Mandal M et al. MBNL1 overexpression is not sufficient to rescue the phenotypes in a mouse model of RNA toxicity. Hum Mol Genet. 2019-07-15 [PMID: 30997488]

Ravel-Chapuis A, Al-Rewashdy A, Belanger G et al. Pharmacological and physiological activation of AMPK improves the spliceopathy in DM1 mouse muscles. Hum Mol Genet 2018-08-08 [PMID: 29982462]

Rehman S, Gladman JT, Periasamy A et al. Development of an AP-FRET Based Analysis for Characterizing RNA-Protein Interactions in Myotonic Dystrophy (DM1). PLoS One. 2014-04-29 [PMID: 24781112]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00004154-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00004154-P02-10ug	Recombinant Human Muscleblind-like 1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00004154-M02

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

