

MBNL1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant MBNL1.****Catalog # AT2814a****Specification**

MBNL1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9NR56
Other Accession	BC043493
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	41817

MBNL1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 4154**Other Names**

Muscleblind-like protein 1, Triplet-expansion RNA-binding protein, MBNL1, EXP, KIAA0428, MBNL

Target/Specificity

MBNL1 (AAH43493, 1 a.a. ~ 382 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

MBNL1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

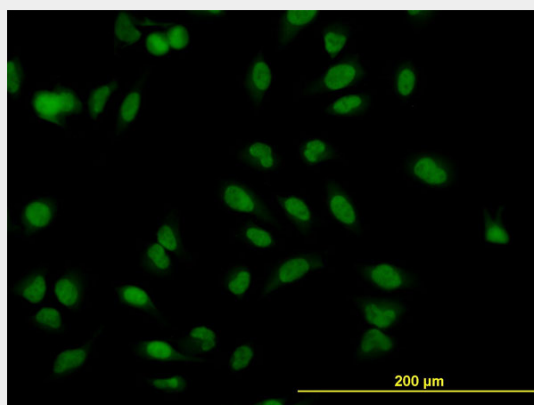
MBNL1 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

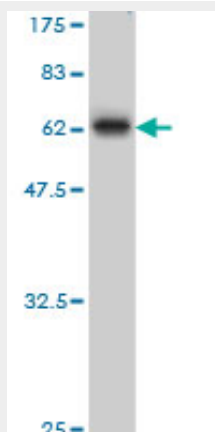
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

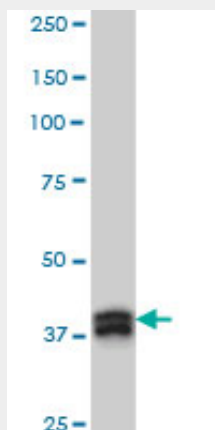
MBNL1 Antibody (monoclonal) (M02) - Images



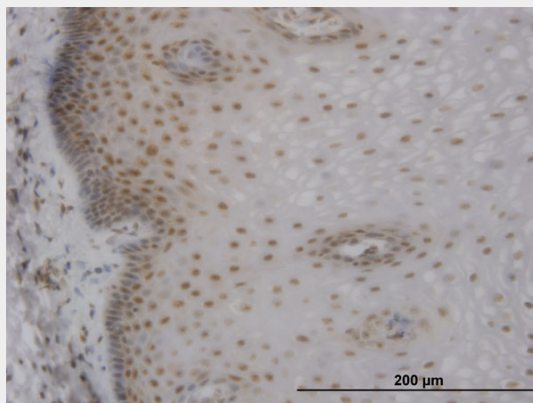
Immunofluorescence of monoclonal antibody to MBNL1 on HeLa cell. [antibody concentration 10 ug/ml]



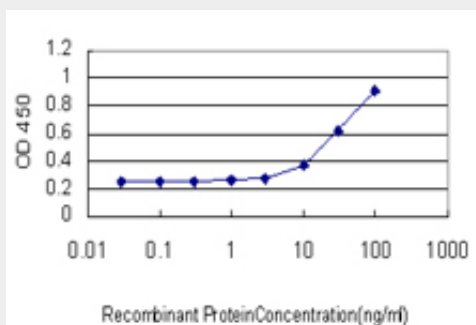
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.76 KDa) .



MBNL1 monoclonal antibody (M02), clone 3E7 Western Blot analysis of MBNL1 expression in Hela S3 NE ((Cat # AT2814a)



Immunoperoxidase of monoclonal antibody to MBNL1 on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 0.75 ug/ml]



Detection limit for recombinant GST tagged MBNL1 is approximately 3ng/ml as a capture antibody.

MBNL1 Antibody (monoclonal) (M02) - References

1. Development of an AP-FRET Based Analysis for Characterizing RNA-Protein Interactions in Myotonic Dystrophy (DM1). Rehman S, Gladman JT, Periasamy A, Sun Y, Mahadevan MSPLoS One. 2014 Apr 29;9(4):e95957. doi: 10.1371/journal.pone.0095957. eCollection 2014.