

MEF2D Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant MEF2D.****Catalog # AT2838a****Specification**

MEF2D Antibody (monoclonal) (M02) - Product Information

Application	WB, IF
Primary Accession	Q14814
Other Accession	NM_005920
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	55938

MEF2D Antibody (monoclonal) (M02) - Additional Information**Gene ID** 4209**Other Names**

Myocyte-specific enhancer factor 2D, MEF2D

Target/Specificity

MEF2D (NP_005911.1, 256 a.a. ~ 351 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

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

MEF2D Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

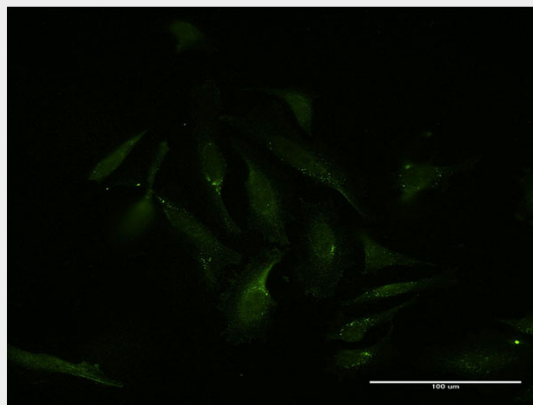
MEF2D Antibody (monoclonal) (M02) - Protocols

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

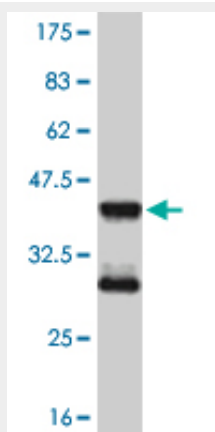
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

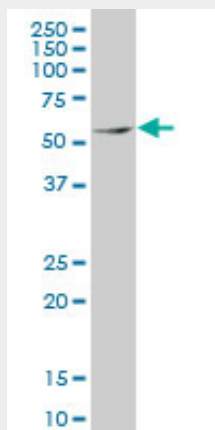
MEF2D Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to MEF2D on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.56 KDa) .



MEF2D monoclonal antibody (M02), clone 3A11 Western Blot analysis of MEF2D expression in

K-562 ((Cat # AT2838a)

MEF2D Antibody (monoclonal) (M02) - References

COMMON VARIANTS IN 40 GENES ASSESSED FOR DIABETES INCIDENCE AND RESPONSE TO METFORMIN AND LIFESTYLE INTERVENTIONS IN THE DIABETES PREVENTION PROGRAM. Jablonski KA, et al. Diabetes, 2010 Aug 3. PMID 20682687. Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Dual roles for MEF2A and MEF2D during human macrophage terminal differentiation and c-Jun expression. Aude-Garcia C, et al. Biochem J, 2010 Sep 1. PMID 20590529. Regulation of cardiomyocyte Glut4 expression by ZAC1. Czubyt MP, et al. J Biol Chem, 2010 May 28. PMID 20363751. Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315.