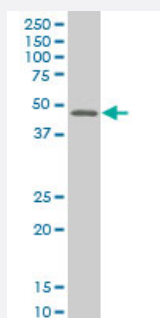


MEF2B monoclonal antibody (M24), clone 4B5

Catalog # H00004207-M24

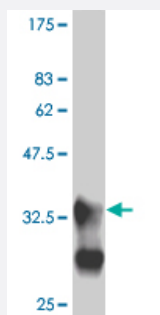
Size 100 ug

Applications



Western Blot (Tissue lysate)

MEF2B monoclonal antibody (M24), clone 4B5. Western Blot analysis of MEF2B expression in human stomach.



Western Blot detection against Immunogen (33.44 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MEF2B.
Immunogen	MEF2B (NP_005910.1, 165 a.a. ~ 235 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SRPSPFRPAAPKAGPPGLVHPLFSPSHLTSKTPPLYLPTEGRRSDLPGLAGPRGGLNTRSLSY SGLQNP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.44 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Tissue lysate)

MEF2B monoclonal antibody (M24), clone 4B5. Western Blot analysis of MEF2B expression in human stomach.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MEF2B

Entrez GeneID

[4207](#)

GeneBank Accession#

[NM_005919](#)

Protein Accession#

[NP_005910.1](#)

Gene Name

MEF2B

Gene Alias

FLJ32599, FLJ46391, MGC189732, MGC189763, RSRFR2

Gene Description

myocyte enhancer factor 2B

Omim ID

[600661](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene represents numerous read-through transcripts that span geneID:729991 and 100271849. Many read-through transcripts are predicted to be nonsense-mediated decay (NMD) candidates, and are thought to be non-coding. Some transcripts are predicted to be capable of translation reinitiation at a downstream AUG, resulting in expression of at least one isoform of myocyte enhancer factor 2B (MEF2B) from this read-through locus. At least one additional MEF2B variant and isoform can be expressed from a downstream promoter, and is annotated on geneID:100271849. [provided by RefSeq]

Other Designations

MADS box transcription enhancer factor 2, polypeptide B (myocyte enhancer factor 2B)

Publication Reference

- [MEF2B is a member of the BCL6 gene transcriptional complex and induces its expression in diffuse large B-cell lymphoma of the germinal center B-cell-like type.](#)

El Jamal SM, Grada Z, El Dinali MH, Zhou H, Hassan SY, Saad AG, Gibson B, Zhou X, Abulsayen HA, Khadra HS, Friedman J, Shalaby H, Kadi A, Megahed M, Emberesh M, Teruya-Feldstein J, Firpo-Betancourt A, Haikel Y, Fraig M, Hassan M.

Laboratory Investigation; a Journal of Technical Methods and Pathology 2018 Nov; [Epub].

Application: IHC-P, WB, Human, Diffuse large B-cell lymphoma, SU-DHL-4, SU-DHL-5, SU-DHL-6 cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)