

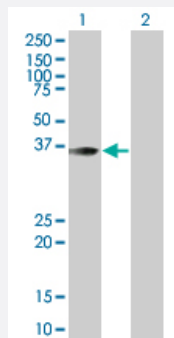
MaxPab®

## MEF2B MaxPab mouse polyclonal antibody (B02P)

Catalog # H00004207-B02P

Size 50 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of MEF2B expression in transfected 293T cell line ([H00004207-T02](#)) by MEF2B MaxPab polyclonal antibody.

Lane 1: MEF2B transfected lysate(40.15 KDa).

Lane 2: Non-transfected lysate.

### Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human MEF2B protein.                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | MEF2B (NP_005910.1, 1 a.a. ~ 365 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                               |
| Sequence                | MGRKKIQISRILDQRNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNSANRLFQYASTDMDRVLLK<br>YTEYSEPHESRTNTDILETLKRRGIGLDGPELEPDEGPEEPGEKFRRLAGEGGDPALPRRLYP<br>APAMPSPDVVYGALPPPGLGCDPSGLGEALPAQSRSPFRPAAPKAGPPGLVHPLFSPSHLTSKT<br>PPPLYLPTEGRRSDLPGLLAGPRGGLNTSRSLYGLQNPCSTATPGPPLGSFPFLPGGPPVGAE<br>AWARRVPQPAAPRRPPQSASSLSASLRPPGAPATFLRPSPIPCSSPGPWQSLCGLGPPCAGC<br>PWPTAGPGRRSPGGTSPERSPGTARARGDPTSLQASSEKTQQ |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                          |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                        |
| 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 (Transfected lysate)

Western Blot analysis of MEF2B expression in transfected 293T cell line ([H00004207-T02](#)) by MEF2B MaxPab polyclonal antibody.

Lane 1: MEF2B transfected lysate(40.15 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — MEF2B

Entrez GeneID [4207](#)

GeneBank Accession# [NM\\_005919.1](#)

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 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)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Tobacco Use Disorder](#)