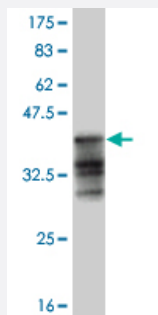


HEY1 monoclonal antibody (M15), clone 4A3

Catalog # H00023462-M15

Size 100 ug

Applications



Western Blot detection against Immunogen (37.88 KDa) .

Specification

| | |
|--------------------------------------|---|
| Product Description | Mouse monoclonal antibody raised against a full length recombinant HEY1. |
| Immunogen | HEY1 (NP_036390, 181 a.a. ~ 288 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | GTVFGHHPHIAHPLLLPQNGHGNAGTTASPTEPHHQGRLGSAHPEAPALRAPPSGSFGPVLVV TSASKLSLPLLSSVASLSAFPFSFGSFHLLSPNALSPSAPTQAA |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (94); Rat (87) |
| Isotype | IgG2b Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.88 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HEY1

| | |
|---------------------|--|
| Entrez GeneID | 23462 |
| GeneBank Accession# | NM_012258 |
| Protein Accession# | NP_036390 |
| Gene Name | HEY1 |
| Gene Alias | BHLHb31, CHF2, HERP2, HESR1, HRT-1, MGC1274, OAF1 |
| Gene Description | hairy/enhancer-of-split related with YRPW motif 1 |
| Omim ID | 602953 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq] |
| Other Designations | HES-related repressor protein 2 basic helix-loop-helix protein OAF1 cardiovascular helix-loop-helix factor 2 hairy-related transcription factor 1 |