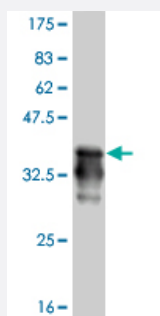


HEY1 monoclonal antibody (M16), clone 3B4

Catalog # H00023462-M16

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	GTVFGHHPHIAHPLLLPQNGHGNAGTTASPTEPHHQGRLGSAHPEAPALRAPPSGSFGPVLPPV TSASKLSLPLLSSVASLSAFPFSFGSFHLLSPNALSPSAPTQAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (87)
Isotype	IgG2a 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