

HEY1 monoclonal antibody (M12), clone 3D1

Catalog # H00023462-M12

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