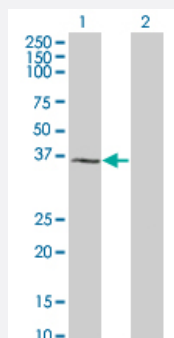


HEY1 monoclonal antibody (M03), clone 1B9

Catalog # H00023462-M03

Size 100 ug

Applications

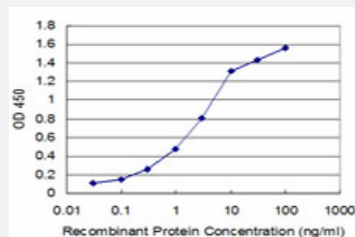


Western Blot (Transfected lysate)

Western Blot analysis of HEY1 expression in transfected 293T cell line by HEY1 monoclonal antibody (M03), clone 1B9.

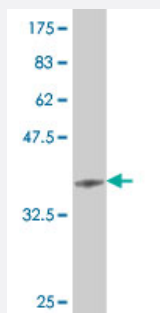
Lane 1: HEY1 transfected lysate (32.613 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HEY1 is approximately 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HEY1.

Immunogen	HEY1 (NP_036390, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DYRSLGFRECLAEVARYLSIIIEGLDASDPLRVRLVSHLNYYASQREAASGAHAGLGHIPWGTVFGH HPHIAHPLLLPQNGHGNAGTTASPTEPHHQGRLG
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 (36.74 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 (Transfected lysate)

Western Blot analysis of HEY1 expression in transfected 293T cell line by HEY1 monoclonal antibody (M03), clone 1B9.

Lane 1: HEY1 transfected lysate(32.613 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HEY1 is approximately 0.1ng/ml as a capture antibody.

[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	<p>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]</p>
Other Designations	HES-related repressor protein 2 basic helix-loop-helix protein OAF1 cardiovascular helix-loop-helix factor 2 hairy-related transcription factor 1