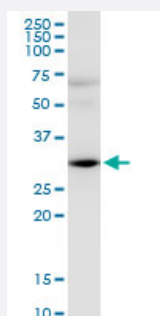


# HEY2 monoclonal antibody (M02), clone 2B10

Catalog # H00023493-M02

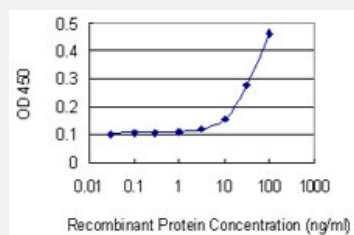
Size 100 ug

## Applications



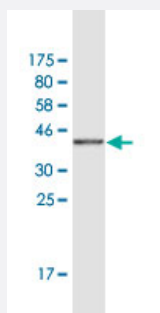
### Western Blot (Tissue lysate)

HEY2 monoclonal antibody (M02), clone 2B10. Western Blot analysis of HEY2 expression in human pancreas.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HEY2 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HEY2.

<b>Immunogen</b>	HEY2 (NP_036391.1, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MKRPCEETTSESDMDETIDVGSENNYSGQSTSSVIRLNSPTTTSQIMARKKRRGIIEKRRRDRINNS LSELRRVLPTAFEKQGS AKLEKAEILQMTVDHLKMLQATGGKG
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (94)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

HEY2 monoclonal antibody (M02), clone 2B10. Western Blot analysis of HEY2 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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Detection limit for recombinant GST tagged HEY2 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HEY2

Entrez GeneID [23493](#)

GeneBank Accession#	<a href="#">NM_012259</a>
Protein Accession#	<a href="#">NP_036391.1</a>
Gene Name	HEY2
Gene Alias	CHF1, GRIDLOCK, GRL, HERP1, HESR2, HRT2, MGC10720, bHLHb32
Gene Description	hairy/enhancer-of-split related with YRPW motif 2
Omim ID	<a href="#">604674</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. The encoded protein forms homo- or hetero-dimers that localize to the nucleus and interact with a histone deacetylase complex to repress transcription. Expression of this gene is induced by the Notch signal transduction pathway. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternatively spliced transcript variants have been found, but their biological validity has not been determined. [provided by RefSeq]</p>
Other Designations	HES-related repressor protein 1 OTTHUMP00000017138 cardiovascular basic helix-loop-helix factor 1 hairy-related transcription factor 2

## Disease

- [Tricuspid Atresia](#)