

Datasheet

HEY2 monoclonal antibody (M02), clone 2B10

Catalog Number: H00023493-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant HEY2.

Clone Name: 2B10

Immunogen: 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.

Sequence:

MKRPCEETTSESDMDDETIDVGSENNYSGQSTSSVIRL
NSPTTTSQIMARKKRRGIIEKRRDRINNSLSELRLVP
TAFEKQGS AKLEKAEILQMTVDHLKMLQATGGKG

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 23493

Gene Symbol: HEY2

Gene Alias: CHF1, GRIDLOCK, GRL, HERP1, HESR2, HRT2, MGC10720, bHLHb32

Gene Summary: 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]