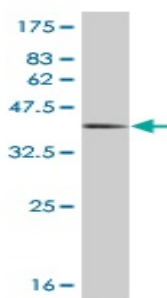


Mouse monoclonal antibody to human HESR1 [1E10]: IgG

Catalogue No.:	M-893-100
Description:	HESR-1 belongs to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. It is a downstream effector of Notch signaling which may be required for cardiovascular development. It binds preferentially to the canonical E box sequence 5'-CACGTG-3'. It represses transcription by the the cardiac transcriptional activators GATA4 and GATA6. HESR1 is expressed in the somitic mesoderm, the central nervous system, the kidney, the heart, nasal epithelium, and limbs.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human HESR1 (121-221) with a GST tag.
Clone:	[1E10]
Other Names:	Hairy/enhancer-of-split related with YRPW motif protein 1; Hairy and enhancer of split-related protein 1; Hairy-related transcription factor 1; jHRT1; Cardiovascular helix-loop-helix factor 2; CHF-2; HES-related repressor protein 1; HEY1; CHF2; HERP2; HESR1; HRT1
Accession:	HEY1_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot detection of GST tagged recombinant human HESR1. Note the GST tag alone is 26 kDa.

FOR RESEARCH USE ONLY