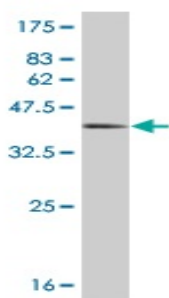


## Mouse monoclonal antibody to human HESR1 [1E10]: IgG

<b>Catalogue No.:</b>	M-893-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial recombinant human HESR1 (121-221) with a GST tag.
<b>Clone:</b>	[1E10]
<b>Other Names:</b>	Hairy/enhancer-of-aplit 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
<b>Accession:</b>	HEY1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	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