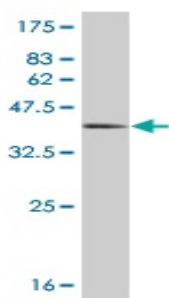


Mouse monoclonal antibody to human HESR1 [1E10]: IgG

| | |
|--------------------------|--|
| 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-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 |
| 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