

# HES6 mouse monoclonal antibody (hybridoma)

Catalog # H00055502-M

Size Up to 5 Clones

## Specification

|                               |                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant HES6.                                                                                                                                                                 |
| Immunogen                     | HES6 (NP_061115.2, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                    |
| Sequence                      | MAPPAAPGRDRVGREDEDGWETRGRDRKARKPLVEKKRRARINESLQELRLLLAGAEVQAKLEN<br>AEVLELTVRRVQGVLRGRAREREQLQAEASERFAAGYIQCMEHVHTFVSTCQAIDATVAAELLNH<br>LLESMPREGSSFDLLGDALAGPPRAPGRSGWPAGGAPGSPISPSPPGDDLCSDLEEAPEA<br>ELSQAPAEGLVPAALGSLTTAQIARSVWRPW |
| Host                          | Mouse                                                                                                                                                                                                                                    |
| Reactivity                    | Human                                                                                                                                                                                                                                    |
| Interspecies Antigen Sequence | Mouse (86); Rat (87)                                                                                                                                                                                                                     |
| Quality Control Testing       | Antibody reactivity and specificity confirmed by ELISA and Western Blot.                                                                                                                                                                 |
| Deliverables                  | Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.                                                                                                                                                  |
| Note                          | Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.                                               |

## Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Western Blot (Recombinant protein)  
[Protocol Download](#)
- ELISA

## Gene Info — HES6

**Entrez GeneID** [55502](#)

**GeneBank Accession#** [NM\\_018645.3](#)

**Protein Accession#** [NP\\_061115.2](#)

**Gene Name** HES6

**Gene Alias** HES-6, bHLHb41, bHLHc23

**Gene Description** hairy and enhancer of split 6 (Drosophila)

**Omim ID** [610331](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described

**Other Designations** hairy and enhancer of split 6

## Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [NARP](#)