

# VSX2 mouse monoclonal antibody (hybridoma)

Catalog # H00338917-M

Size Up to 5 Clones

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse monoclonal antibody raised against a full-length recombinant VSX2.                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | VSX2 (NP_878314.1, 1 a.a. ~ 361 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                       |
| Sequence                | MTGKAGEALSKPKSETVAKSTSGGAPARCTGFGIQEILGLNKEPPSSHPRAALDGLAPGHLLAAR<br>SVLSPAGVGGMGLLPGGPLPGFYTQPTFLEVLSDPQSVHLQPLGRASGPLDTSQTASSDSEDV<br>SSSDRKMSKSALNQTKKRKKRRHRTIFTSYQLEELEKAFNEAHYPDVYAREMLAMKTELPEDRIQ<br>VWFQNRRAKWRKREKCWGRSSVMAEYGLYGAMVRHSIPLPESILKSAKDGMDSAPWLLGMH<br>KKSLEAAAESGRKPEGERQALPKLDKMEQDERGPDAQAAISQEELRENSIAVLRKAQEHSTKV<br>LGTVSGPDSLARSTEKPEEEEEAMDEDRPAERLSPPQLEDMA |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 — VSX2

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">338917</a>                                                                                                        |
| GeneBank Accession# | <a href="#">NM_182894.1</a>                                                                                                   |
| Protein Accession#  | <a href="#">NP_878314.1</a>                                                                                                   |
| Gene Name           | VSX2                                                                                                                          |
| Gene Alias          | CHX10, HOX10, MCOP2, MCOPCB3, RET1                                                                                            |
| Gene Description    | visual system homeobox 2                                                                                                      |
| Omim ID             | <a href="#">142993</a> <a href="#">610092</a> <a href="#">610093</a>                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                     |
| Other Designations  | C elegans ceh-10 homeo domain-containing homolog ceh-10 homeo domain containing homolog ceh-10 homeodomain containing homolog |

## Disease

- [Anophthalmos](#)
- [Coloboma](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Microphthalmos](#)