

## ZIM2 mouse monoclonal antibody (hybridoma)

Catalog # H00023619-M

Size Up to 5 Clones

### Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ZIM2.
Immunogen	ZIM2 (NP_056178.3, 1 a.a. ~ 527 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MYQPEDDNNSDVTSDDDMTRNRRESSPPHSVHSFSGDRDWDRRGRSRDMEPRDRWSHTRNP RSRMPPRDLSLPVVAKTSFEMDREDDRDSRAYESRSQDAESYQNVVDLAEDRKPHNTIQDNME NYRKLLSLGFLAQDSVPAEKRNTEMLDNLPSAGSQFPDFKHLGTFVLVFEELVTFEDVLVDFSPEE LSSLSAAQRNLYREVMLENYRNLVSLGHQFSKPDIIISRLIEEEESYAMETDSRHTVICQGESHDDPL EPHQGNQEKLTPITMNDPKLTPERSYGSDEFERSSNLSKQSKDPLGKDPQEGTAPGICTSPQS ASQENKHNRCEFCRFTSTQVALRRHERIHTGKKPYECKQCAEAFYLMPHLNRHQKTHSGRKTS GCNEGRKPSVQCANLCERVRIHSQEDYFECFQCCKAFLQNVHLLQHLKAHEAARVLPPGLSHSK TYLIRYQRKHDYVGERACQCCDCGRVFSRNSYLIQHYRHTQERPYPQCQLCGKCFGRPSYLTQHY QLHSQEKTVECDHC
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 — ZIM2

**Entrez GeneID** [23619](#)

**GeneBank Accession#** [NM\\_015363.3](#)

**Protein Accession#** [NP\\_056178.3](#)

**Gene Name** ZIM2

**Gene Alias** ZNF656

**Gene Description** zinc finger, imprinted 2

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

**Gene Summary** In human, ZIM2 and PEG3 (GeneID:5178) are two distinct genes that share a set of 5' exons and have a common promoter, and both genes are paternally expressed (PMID:15203203). Alternative splicing events connect the shared exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. This is in contrast to mouse and cow, where ZIM2 and PEG3 genes do not share exons in common, and the imprinting status of ZIM2 is also not conserved amongst mammals. Additional 5' alternatively spliced transcripts encoding the same protein have been found for the human ZIM2 gene. [provided by RefSeq]

**Other Designations** -