

## PIM2 mouse monoclonal antibody (hybridoma)

Catalog # H00011040-M

Size Up to 5 Clones

### Specification

|                               |                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant PIM2.                                                                                                                                                                                                                                                               |
| Immunogen                     | PIM2 (NP_006866.2, 1 a.a. ~ 311 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                  |
| Sequence                      | MLTKPLQGPPAPPGTPTPPPGGKDREAFAEYRLGPLLGKGGFGTVFAGHRLTDRLQVAIKVIPR<br>NRVLGWSPLSDSVTCPLEVALLWKVGAGGGHPGVIRLLDWFETQEGFMLVLERPLPAQDLFDYI<br>TEKGPLGEGPSRCFFGQVVAAIQHCHSRGVVHRDIKDENILDLRRGCAKLIDFGSGALLHDEPYT<br>DFDGTRVYSPPEWISRHQYHALPATVWSLGILLYDMVCGDIPFERDQEILEAELHFPAHVSPDCC<br>ALIRRCCLAPKPSSRPSLEEILLDPWMQTPAEDVPLNPSKGGPAPLAWSLLP |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                  |
| Interspecies Antigen Sequence | Mouse (89); Rat (89)                                                                                                                                                                                                                                                                                                                   |
| 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 — PIM2

|                     |                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">11040</a>                                                                                                                               |
| GeneBank Accession# | <a href="#">NM_006875.2</a>                                                                                                                         |
| Protein Accession#  | <a href="#">NP_006866.2</a>                                                                                                                         |
| Gene Name           | PIM2                                                                                                                                                |
| Gene Alias          | -                                                                                                                                                   |
| Gene Description    | pim-2 oncogene                                                                                                                                      |
| Omim ID             | <a href="#">300295</a>                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                           |
| Gene Summary        | PIM2 belongs to a family of protooncogenes that encode serine/threonine protein kinases (Mikkers et al., 2004 [PubMed 15199164]).[supplied by OMIM] |
| Other Designations  | OTTHUMP00000025825 proto-oncogene Pim-2 (serine threonine kinase)                                                                                   |

## Pathway

- [Acute myeloid leukemia](#)