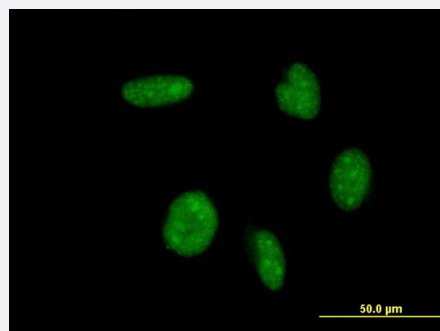


# ATOH1 monoclonal antibody (M09), clone 4H2

Catalog # H00000474-M09

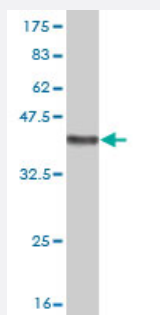
Size 100 ug

## Applications



### Immunofluorescence

Immunofluorescence of monoclonal antibody to ATOH1 on HeLa cell .  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.53 KDa) .

## Specification

|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant ATOH1.                                                |
| <b>Immunogen</b>           | ATOH1 (NP_005163.1, 266 a.a. ~ 354 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | PTPPGSCRTFSAPASAGGYVQLDALHFSTFEDSALTAMMAQKNLSPSLPGSILQPVQEENSK<br>TSPRSHRSDGEFSPHSHYSDSDEAS                          |
| <b>Host</b>                | Mouse                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                |

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (90); Rat (87)                                                                                     |
| Isotype                       | IgG2a Kappa                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (35.53 KDa) . |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to ATOH1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — ATOH1

|                     |                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">474</a>                                                                                                                                                        |
| GeneBank Accession# | <a href="#">NM_005172</a>                                                                                                                                                  |
| Protein Accession#  | <a href="#">NP_005163.1</a>                                                                                                                                                |
| Gene Name           | ATOH1                                                                                                                                                                      |
| Gene Alias          | ATH1, HATH1, MATH-1, bHLHa14                                                                                                                                               |
| Gene Description    | atonal homolog 1 (Drosophila)                                                                                                                                              |
| Omim ID             | <a href="#">601461</a>                                                                                                                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                  |
| Gene Summary        | This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47. [provided by RefSeq] |
| Other Designations  | atonal homolog 1                                                                                                                                                           |