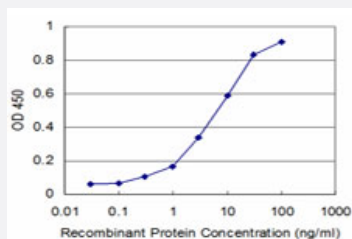


# NEUROG1 monoclonal antibody (M02), clone 4G10

Catalog # H00004762-M02

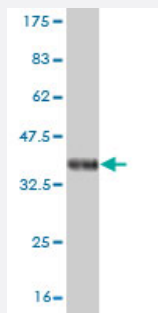
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NEUROG1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.76 KDa) .

## Specification

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Product Description | Mouse monoclonal antibody raised against a partial recombinant NEUROG1.                                             |
| Immunogen           | NEUROG1 (NP_006152, 82 a.a. ~ 163 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence            | SEALLHSLRRSRVKANDRERNRMHNLNAALDALRSVLPSPDDTKLTKIETLRFAYNYWALAET<br>LRLADQGLPGGGARER                                 |
| Host                | Mouse                                                                                                               |
| Reactivity          | Human                                                                                                               |

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (99); Rat (100)                                                                                    |
| Isotype                       | IgG2a Kappa                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (34.76 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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NEUROG1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NEUROG1

|                     |                                                 |
|---------------------|-------------------------------------------------|
| Entrez GeneID       | <a href="#">4762</a>                            |
| GeneBank Accession# | <a href="#">NM_006161</a>                       |
| Protein Accession#  | <a href="#">NP_006152</a>                       |
| Gene Name           | NEUROG1                                         |
| Gene Alias          | AKA, Math4C, NEUROD3, bHLHa6, ngn1              |
| Gene Description    | neurogenin 1                                    |
| Omim ID             | <a href="#">601726</a>                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                       |
| Other Designations  | OTTHUMP00000159409 neurogenic differentiation 3 |

## Disease

- [Autistic Disorder](#)
- [Cognition Disorders](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)