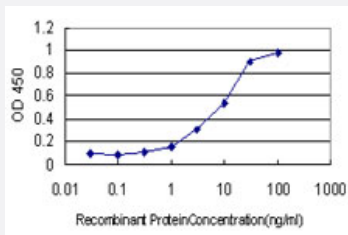


# RIT2 monoclonal antibody (M01), clone 3F2

Catalog # H00006014-M01

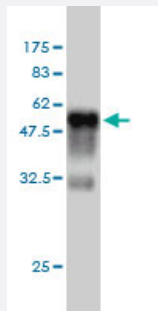
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RIT2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.61 KDa) .

## Specification

|                            |                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a full length recombinant RIT2.                                                                                                                                                             |
| <b>Immunogen</b>           | RIT2 (AAH18060, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                   |
| <b>Sequence</b>            | MEVENEASCSPGSASGGSREYKVVMLGAGGVGKSAMTMQFISHQFPDYHDPTIEDAYKTQVRID<br>NEPAYLDILDTAGQAEFTAMREQYMRGGEGFIICYSVTDRQSFQEAAKFELIFQVRHTYEIPLVLV<br>GNKIDLEQFRQVSTEEGLSLAQEYNCGFFETSAALRFCIDDAFHGLVREIRKKESMPSLMEKKLK<br>RKDCLWKKLKGSLLKKRENMT |
| <b>Host</b>                | Mouse                                                                                                                                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                |

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Interspecies Antigen Sequence</b> | Mouse (92); Rat (91)                                                                                     |
| <b>Isotype</b>                       | IgG1 kappa                                                                                               |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (49.61 KDa) . |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                        |
| <b>Storage Instruction</b>           | 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 RIT2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — RIT2

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>       | <a href="#">6014</a>                                                                                                            |
| <b>GeneBank Accession#</b> | <a href="#">BC018060</a>                                                                                                        |
| <b>Protein Accession#</b>  | <a href="#">AAH18060</a>                                                                                                        |
| <b>Gene Name</b>           | RIT2                                                                                                                            |
| <b>Gene Alias</b>          | RIBA, RIN, ROC2                                                                                                                 |
| <b>Gene Description</b>    | Ras-like without CAAX 2                                                                                                         |
| <b>Omim ID</b>             | <a href="#">609592</a>                                                                                                          |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>                                                                                                       |
| <b>Gene Summary</b>        | RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]).[supplied by OMIM] |

**Other Designations**

GTP-binding protein Roc2|Ric-like, expressed in neurons

**Disease**

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)