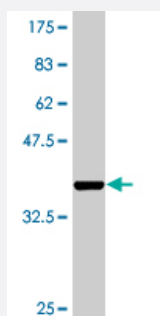


# EIF2C2 monoclonal antibody (M05), clone 2H2

Catalog # H00027161-M05

Size 100 ug

## Applications



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant EIF2C2.                                                |
| <b>Immunogen</b>                     | EIF2C2 (NP_036286.2, 381 a.a. ~ 480 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | KLMRSASFNTDPYVREFGIMVKDEMTDVTGRVLQPPSILYGGRNKAIA TPVQGVWDMRNKQFHT<br>GIEIKVWAIACFAPQRQCTEVHLKSFTQLRKISRD              |
| <b>Host</b>                          | Mouse                                                                                                                 |
| <b>Reactivity</b>                    | Human                                                                                                                 |
| <b>Interspecies Antigen Sequence</b> | Mouse (100); Rat (99)                                                                                                 |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                           |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.74 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](#)

- ELISA

## Gene Info — EIF2C2

Entrez GeneID [27161](#)

GeneBank Accession# [NM\\_012154](#)

Protein Accession# [NP\\_036286.2](#)

Gene Name EIF2C2

Gene Alias AGO2, MGC3183, Q10

Gene Description eukaryotic translation initiation factor 2C, 2

Omim ID [606229](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** argonaute 2

## Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Precancerous Conditions](#)