

# Product Datasheet

## EIF4E2 Antibody (4G10) - Azide and BSA Free H00009470-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00009470-M01**

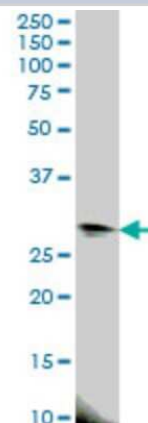
EIF4E2 Antibody (4G10) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                             |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                 |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                   |
| Clone                       | 4G10                                                                                                                                                                                                                                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                      | IgG purified                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                              |
| Description                 | Novus Biologicals Mouse EIF4E2 Antibody (4G10) - Azide and BSA Free (H00009470-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-EIF4E2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                               |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 9470                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | EIF4E2                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | EIF4E2 - eukaryotic translation initiation factor 4E member 2                                                                                                                                                                                                                                                                                                                                |
| Immunogen                   | EIF4E2 (AAH05392, 1 a.a. ~ 245 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MNNKFDALKDDDDSGDHDQNEENSTQKDGEKEKTERDKNQSSSKRKAVVPGP<br>AEHPLQYNYTFWYSRRTPGRPTSSQSYEQNIQIGTFASVEQFWRFYSHMVR<br>PGDLTGHSDFHLFKEGIKPMWEDDANKNGGKWIIRLRKGLASRCWENLILAML<br>GEQFMVGEEICGAVVSVRFQEDIISIWNKTASDQATTARIRDTLRRVLNLPNTI<br>MEYKTHTDSIKMPGRLGPQRLLFQNLWKPRLNVP |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 3 ug/ml                                                                                                                                                                                                                                        |
| Application Notes           | Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.                                                                                                                                                                                                                       |

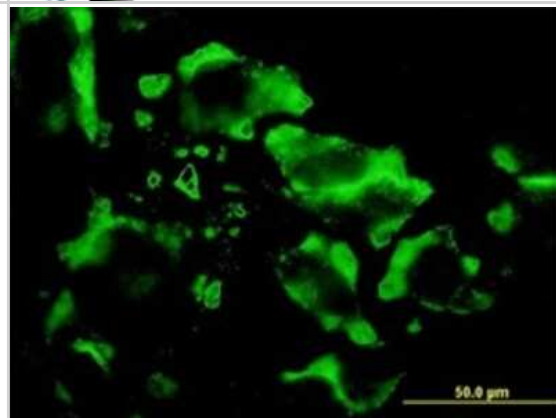


## Images

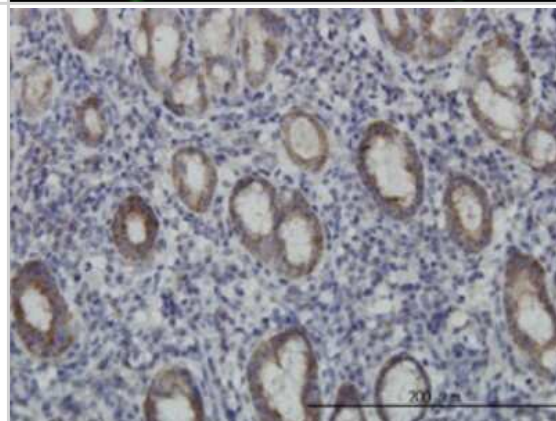
Western Blot: EIF4E2 Antibody (4G10) [H00009470-M01] - EIF4E2 monoclonal antibody (M01), clone 4G10 Analysis of EIF4E2 expression in HeLa.



Immunocytochemistry/Immunofluorescence: EIF4E2 Antibody (4G10) [H00009470-M01] - Analysis of monoclonal antibody to EIF4E2 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: EIF4E2 Antibody (4G10) [H00009470-M01] - Analysis of monoclonal antibody to EIF4E2 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 3 ug/ml.



## Publications

Sinha NK, Ordureau A, Best K et al. EDF1 coordinates cellular responses to ribosome collisions eLife 2020-08-03 [PMID: 32744497]

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**Products Related to H00009470-M01**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00009470-P02-10ug | Recombinant Human EIF4E2 GST (N-Term) Protein           |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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