

## Mouse anti-Human eEF2 Monoclonal Antibody | anti-eEF2 antibody

eEF2 Mouse mAb

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                      |
|-----------|-------|------------|-----------------------------------|
| AAA320339 | Mouse | Human      | Immunocytochemistry, Western Blot |

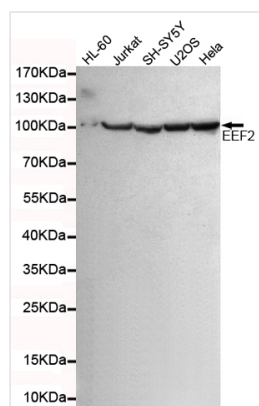
### PRODUCT SYNONYMS

eEF2; Monoclonal Antibody; eEF2 Mouse mAb; EEF2; Eef2; EF-2; EF2; EF2\_HUMAN; Elongation factor 2; Eukaryotic translation elongation factor 2; Polypeptidyl tRNA translocase; SCA26.; anti-eEF2 antibody

### PRODUCT SPECIFICATIONS

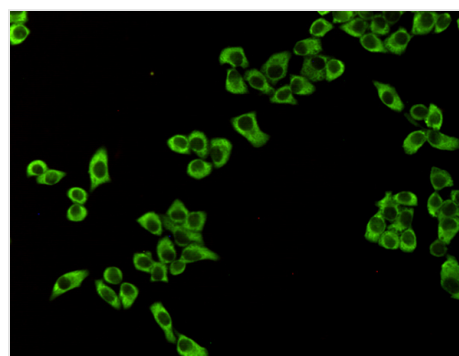
|                                                |                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                              |
| Reactivity                                     | Human                                                                                                              |
| Clonality                                      | Monoclonal                                                                                                         |
| Specificity                                    | This antibody detects endogenous levels of eEF2 and does not cross-react with related proteins.                    |
| Purity/Purification                            | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                    | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                            |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                             |
| Applicable Applications for anti-eEF2 antibody | ICC (Immunocytochemistry), WB (Western Blot)                                                                       |
| Immunogen                                      | Purified recombinant human eEF2 protein fragments expressed in E coli.                                             |
| Modification                                   | Unmodified/Total                                                                                                   |
| Preparation and Storage                        | Store at -20 degree C/1 year                                                                                       |

### IMAGES



#### ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with -20° Methanol and using anti-eEF2 mouse mAb (dilution 1:200).



#### WB (Western Blot)

Western blot detection of eEF2 in HL-60, Jurkat, SH-SY-5Y, U2OS and HeLa cell lysates using eEF2 mouse mAb (1:5000 diluted). Predicted band size: 95KDa. Observed band size: 95KDa. Exposure time: 15s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-eEF2 antibody | This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. [provided by RefSeq, Jul 2008] |
| Product Categories/Family for anti-eEF2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 4503483                                            |
| NCBI GeneID                      | 1938                                               |
| NCBI Accession #                 | NP_001952.1                                        |
| NCBI GenBank Nucleotide #        | NM_001961.3                                        |
| UniProt Accession #              | P13639; Q58J86; B2RMP5; D6W618                     |
| Molecular Weight                 | 95,338 Da                                          |
| NCBI Official Full Name          | elongation factor 2                                |
| NCBI Official Synonym Full Names | eukaryotic translation elongation factor 2         |
| NCBI Official Symbol             | EEF2                                               |
| NCBI Official Synonym Symbols    | EF2; EF-2; EEF-2                                   |
| NCBI Protein Information         | elongation factor 2; polypeptidyl-tRNA translocase |
| UniProt Protein Name             | Elongation factor 2                                |
| UniProt Gene Name                | EEF2                                               |
| UniProt Synonym Gene Names       | EF2; EF-2                                          |
| UniProt Entry Name               | EF2_HUMAN                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/eef2-antibody-immunocytochemistry-western-blot-elisa/320339>