

Anti-EEF2 Antibody (4B3-G7-H5)
Mouse Monoclonal Antibody
Catalog # ABV12045**Specification**

Anti-EEF2 Antibody (4B3-G7-H5) - Product Information

Application	WB, IF
Primary Accession	P13639
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b

Anti-EEF2 Antibody (4B3-G7-H5) - Additional Information**Gene ID** 1938**Application & Usage****WB: HL-60, Jurkat, SHSY-5Y, U20S and Hela cell lysates; IF: HeLa cells****Other Names**

EEF2, Eef2, EF-2, EF2, EF2_HUMAN, Elongation factor 2, Eukaryotic translation elongation factor 2, Polypeptidyl tRNA translocase, SCA26

Target/Specificity

EEF2

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

In buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Anti-EEF2 Antibody (4B3-G7-H5) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EEF2 Antibody (4B3-G7-H5) - Protein Information

Name EEF2

Synonyms EF2

Function

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation (PubMed:26593721). During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl- tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively (PubMed:26593721). Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome (PubMed:26593721).

Cellular Location

Cytoplasm. Nucleus. Note=Phosphorylation by CSK promotes cleavage and SUMOylation-dependent nuclear translocation of the C- terminal cleavage product.

Anti-EEF2 Antibody (4B3-G7-H5) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EEF2 Antibody (4B3-G7-H5) - Images

Anti-EEF2 Antibody (4B3-G7-H5) - Background

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome.