Anti-Elongation factor 2 Mouse Monoclonal Antibody

Introduction

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.

Product parameters

Alternative Names	EEF2; EF2; Elongation factor 2; EF-2
Gene ID	1938
Gene Name	EEF2
SwissProt ID	P13639
Host	Mouse
Reactivity	Human, Mouse, Monkey, Rat
Molecular Weight	Calculated MW: 95 kDa; Observed MW: 95 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG2b
Isotype	Monoclonal Antibody
Clonality No.	AP-13A7G12
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Purified recombinant human eEF2 protein fragments expressed in E.coli.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, ICC/IF
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Shipping	Blue ice

Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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