

### Anti-eEF1A1/EF-Tu antibody [900] ab90813

#### 2 References

#### Overview

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<b>Product name</b>	Anti-eEF1A1/EF-Tu antibody [900]
<b>Description</b>	Mouse monoclonal [900] to eEF1A1/EF-Tu
<b>Host species</b>	Mouse
<b>Specificity</b>	Does not recognise eEF1A1/EF-Tu from eukaryotes. Cross reacts with Bacteroides fragilis, Streptococcus oralis, Bacillus subtilis, Pseudomonas aeruginosa, Burkholderia cepacia and Deinococcus sp. A weak cross reaction might also be observed with Mycobacterium tuberculosis.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Escherichia coli
<b>Immunogen</b>	Tissue, cells or virus corresponding to eEF1A1/EF-Tu. E. coli K-12 C600 Rif (pKT146) bacteria.
<b>Epitope</b>	The N-terminus (SKEKFE)
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	0.2 µm filtered antibody solution.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	900
<b>Isotype</b>	IgG2a

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab90813 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

## Target

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<b>Function</b>	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.
<b>Tissue specificity</b>	Brain, placenta, lung, liver, kidney, pancreas but barely detectable in heart and skeletal muscle.
<b>Sequence similarities</b>	Belongs to the GTP-binding elongation factor family. EF-Tu/EF-1A subfamily.
<b>Post-translational modifications</b>	ISGylated.
<b>Cellular localization</b>	Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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