

Recombinant eEF1A1 Monoclonal Antibody

catalog number: **AN301809L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

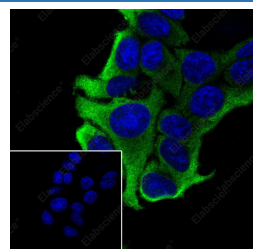
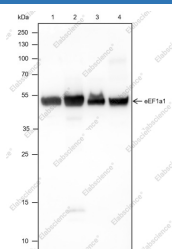
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human eEF1A1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C171431
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IF	1:50

Data



Western Blot with eEF1A1 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF7, Lane 2: PANC-1, Lane 3: Neuro-2a, Lane 4: Rat kidney
Immunofluorescent analysis of (100% Ice-cold methanol) fixed MCF7 cells using anti-eEF1A1 Monoclonal Antibody at dilution of 1:50.

Observed-MW:55 kDa

Calculated-MW:50 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

eEF1A, also named elongation factor Tu (EF-Tu), is one of the eukaryotic elongation factors (eEFs), that function in translation. eEF1A binds GTP and interacts with amino acyl-tRNAs to promote the recruitment of amino acyl-tRNAs to the A-site of the ribosome. After GTP hydrolysis, GDP-eEF1A leaves the ribosome and is later converted back to the GTP-eEF1A by eEF1B. eEF1A is phosphorylated under certain conditions, indicating that its activity is regulated at the post-translational level.

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