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Recombinant eEF1A1 Monoclonal Antibody

catalog number: AN301809L

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

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human eEF1A1 fragment

HostRabbitIsotypeIgG, κCloneA521

Purification Protein A purified

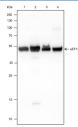
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

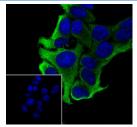
Applications Recommended Dilution

WB 1:500-1:1000

IF 1:50

Data





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