



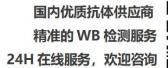
EF-1 α1/2 (Acetyl Lys146) mouse mAb

Catalog No BYmab-16099 Isotype IgG Reactivity Human;Mouse;Rat Applications WB Gene Name EEF1A1 EEF1A EEF1A LENG7 Protein Name EF-1 a 1/2 (Acetyl Lys146) Immunogen Synthesized peptide derived from human EF-1 a 1/2 (Acetyl Lys146) Specificity This antibody detects endogenous levels of Human,Mouse,Rat EF-1 a 1/2 (Acetyl Lys146) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Elongation factor 1-alpha 1 (EF-1-alpha-1;Elongation factor Tu;EF-Tu;Eukaryotic elongation factor 1 A-1;eEF1A-1;Leukocyte receptor cluster member 7) Observed Band 51kD Cell Pathway Cytoplasm , Nucleus . Nucleus, nucleolus . Cell membrane . Colocalizes with DLC1 at actin-rich regions in the cell periphery (PubMed:19158340). Translocates together with ZPR1 from the cytoplasm to the nucleus and nucleolus after treatment with mitogens (P		
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barely detectable in heart and skeletal muscle.,

Background

This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Felty syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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