



EF-1 β Monoclonal Antibody

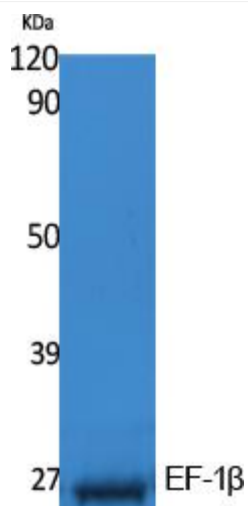
Catalog No	YP-mAb-02213
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EEF1B2
Immunogen	The antiserum was produced against synthesized peptide derived from human EF-1beta. AA range:83-132
Specificity	EF-1 β Monoclonal Antibody detects endogenous levels of EF-1 β protein.
Formulation	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 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	EEF1B;EEF1B1;EEF1B2;EF 1 beta;EF1B;Elongation factor 1 beta;EF-1 β ; Elongation factor 1-beta;EF-1-beta
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	nucleus,cytoplasm,endoplasmic reticulum,cytosol,eukaryotic translation elongation factor 1 complex,
Tissue Specificity	Brain,Epithelium,Eye,Fetal brain cortex,Keratinocyt
Function	function:EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP.,PTM:Phosphorylation affects the GDP/GTP exchange rate.,similarity:Belongs to the EF-1-beta/EF-1-delta family.,similarity:Contains 1 GST C-terminal domain.,subunit:EF-1 is composed of 4 subunits: alpha, beta, delta, and gamma.,
Background	This gene encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5'UTR. [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

Western Blot analysis of various cells using EF-1 β Monoclonal Antibody