

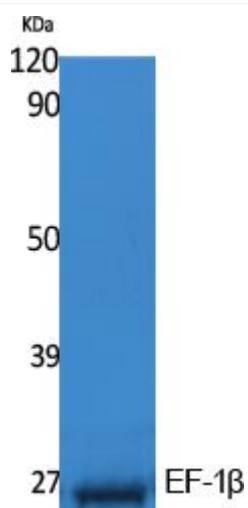


EF-1 β Monoclonal Antibody

Catalog No	YP-mAb-02213
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EEF1B2
Protein Name	Elongation factor 1-beta
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	EEF1B2; EEF1B; EF1B; Elongation factor 1-beta; EF-1-beta
Observed Band	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