



# EIF5 (Phospho-Ser389+Ser390) mouse mAb

Catalog No	BYmab-10544
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	EIF5
Protein Name	EIF5 (Phospho-Ser389+Ser390)
Immunogen	Synthesized peptide derived from human EIF5 (Phospho-Ser389+Ser390)
Specificity	This antibody detects endogenous levels of EIF5 (Phospho-Ser389+Ser390) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.200% 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	Eukaryotic translation initiation factor 5 (eIF-5)
Observed Band	50kD
Cell Pathway	nucleus,cytoplasm,cytosol,plasma membrane,cell-cell adherens junction,
Tissue Specificity	Brain,Epithelium,Lymph,Pooled,Uterus,
Function	function:Catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]).,similarity:Belongs to the eIF-2-beta/eIF-5 family.,similarity:Contains 1 W2 domain.,
Background	Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain

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elongations (summary by Si et al., 1996 [PubMed 8663286]).[supplied by OMIM, May 2010],

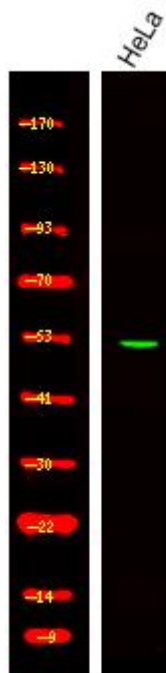
**matters needing attention**

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 EIF5 (Phospho-Ser389+Ser390) mouse mAb

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658