



# eIF5A/eIF5A2 Monoclonal Antibody

Catalog No	BYmab-02266
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	EIF5A
Protein Name	eIF5A/eIF5A2
Immunogen	Synthesized peptide derived from human eIF5A/eIF5A2
Specificity	This antibody detects endogenous levels of human eIF5A/eIF5A2
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	Eukaryotic translation initiation factor 5A-1 (eIF-5A-1;eIF-5A1;Eukaryotic initiation factor 5A isoform 1;eIF-5A;Rev-binding factor;eIF-4D)
Observed Band	17kD
Cell Pathway	Cytoplasm . Nucleus . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions (PubMed:19379712, PubMed:27306458). Nuclear export of hypusinated protein is mediated by XPO4 (PubMed:10944119, PubMed:27306458). .
Tissue Specificity	Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).
Function	function:The precise role of eIF-5A in protein biosynthesis is not known but it functions by promoting the formation of the first peptide bond.,PTM:eIF-5A seems to be the only eukaryotic protein to have an hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine).,similarity:Belongs to the eIF-5A family.,subunit:Found in a complex with Ran and XPO4. The hypusine modification increases the interaction

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with XPO4.,tissue specificity:Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).,

## Background

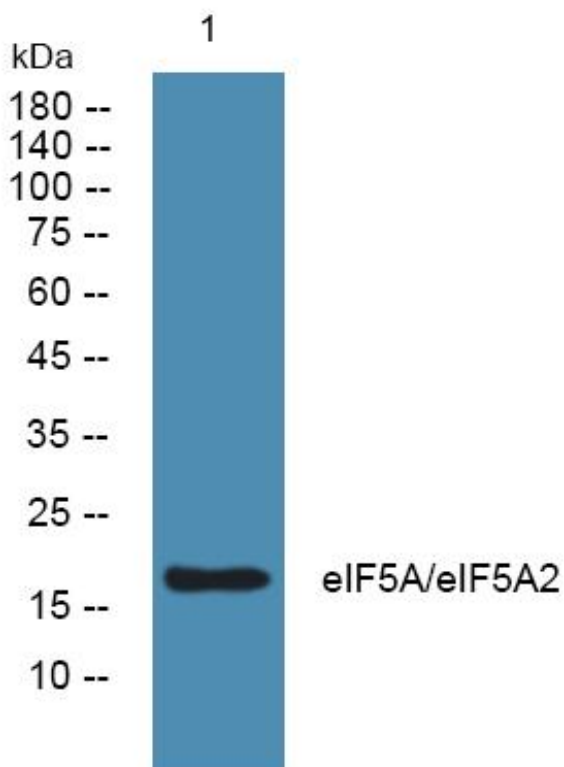
### matters needing attention

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 eIF5A/eIF5A2 Monoclonal Antibody

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