



SYFB Monoclonal Antibody

Catalog No	YP-mAb-07800
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	FARSB FARSLB FRSB HSPC173
Protein Name	Phenylalanine--tRNA ligase beta subunit (EC 6.1.1.20) (Phenylalanyl-tRNA synthetase beta subunit) (PheRS)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYFB Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	64kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Lung,Testis,Umbilical cord blood,
Function	catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate + L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the phenylalanyl-tRNA synthetase beta chain family. Type 2 subfamily.,subunit:Tetramer of two alpha and two beta chains.,
Background	This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],
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.

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