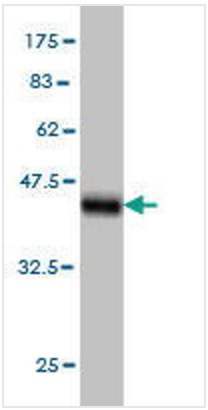
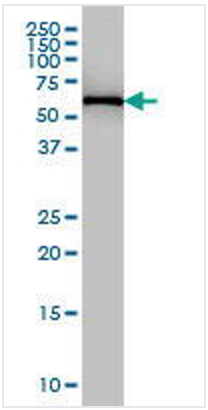
FARSB Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

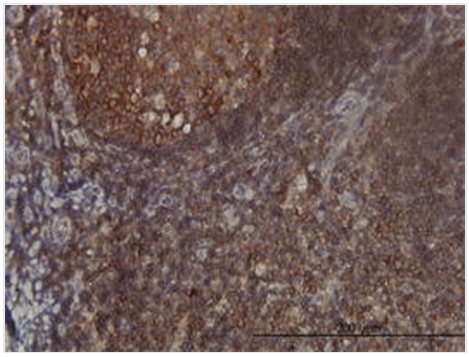
Product Name	FARSB, Monoclonal Antibody
Full Product Name	FARSB (Phenylalanine-tRNA Ligase beta Subunit, Phenylalanyl-tRNA Synthetase beta Subunit, PheRS, FARSLB, FRSB, HSPC173) (AP)
Product Gene Name	anti-FARSB antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2F11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FARSLB.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap
Immunogen	Partial recombinant corresponding to aa234-341 from FARSLB (NP_005678) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PPIINGDHSRITVNTRNIFIECTGTDFTKAKIVLDIIVTMFSEYCENQFTVEAAEVVFPNGKSHTFPELAYRKEMVRADLINKKVGIRETPENLAKLLTRMYLKS
Conjugate	AP
Product Categories/Family for anti-FARSB antibody	Antibodies; DNA/RNA Translation
Applications Tested/Suitable for anti-FARSB antibody	ELISA (EIA), Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-FARSB antibody	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-FARSB antibody	MBS6131237 is an antibody targeting FARSB. Also known as FARSB (Phenylalanine-tRNA Ligase beta Subunit, Phenylalanyl-tRNA Synthetase beta Subunit, PheRS, FARSLB, FRSB, HSPC173) (AP). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-FARSB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry and additional dry ice fee may apply.



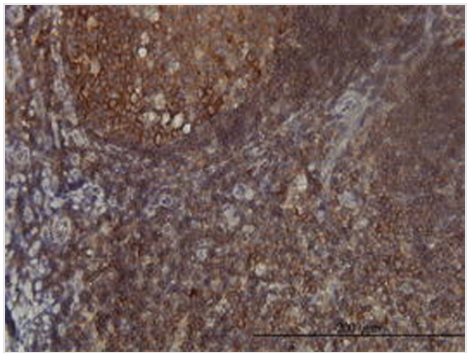
Western Blot (WB) of anti-FARSB antibody
Western Blot detection against Immunogen (37.62kD).



Western Blot (WB) of anti-FARSB antibody
FARSLB monoclonal antibody Western Blot analysis of FARSLB expression in HepG2



Immunohistochemistry (IHC) of anti-FARSB antibody
Immunoperoxidase of monoclonal antibody to FARSLB on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 3ug/ml]



Immunohistochemistry (IHC) of anti-FARSB antibody
Immunoperoxidase of monoclonal antibody to FARSLB on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 3ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FARSB. It may not necessarily be applicable to this product.

NCBI GI #	1653962232
NCBI GeneID	10056
NCBI Accession #	NM_005687.5
UniProt Related Accession #	Q9NSD9
GenBank Nucleotide #	NM_005687
NCBI Official Full Name	Homo sapiens phenylalanyl-tRNA synthetase subunit beta (FARSB), transcript variant 1, mRNA
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase subunit beta
NCBI Official Symbol	FARSB
NCBI Official Synonym Symbols	FRSB; PheHB; PheRS; FARSLB; RILDBC; HSPC173; NEDBLLA
NCBI Protein Information	phenylalanine--tRNA ligase beta subunit
NCBI Summary for FARSB	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]
Research Articles on FARSB	**1.** This study further implicates FARSB mutations in a multisystem, recessive, neurodevelopmental phenotype that share clinical features with the previously known aminoacyl-tRNA synthetase-related diseases.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/farsb/6131237