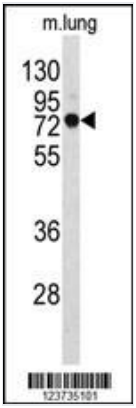
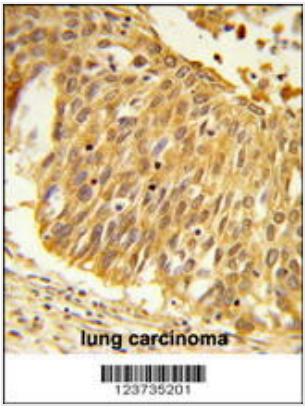
EEFSEC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EEFSEC, Polyclonal Antibody
Full Product Name	EEFSEC, CT (EEFSEC, SELB, Selenocysteine-specific elongation factor, Elongation factor sec, Eukaryotic elongation factor, selenocysteine-tRNA-specific) (AP)
Product Gene Name	anti-EEFSEC antibody
Product Synonym Names	EEFSEC; SELB; Selenocysteine-specific elongation factor; Elongation factor sec; Eukaryotic elongation factor; selenocysteine-tRNA-specific
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
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.
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 prior 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.
Molecular Weight	62,579 Da
OMIM	607695
3D Structure	ModBase 3D Structure for P57772
Immunogen	EEFSEC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 547~577 amino acids from the C-terminal region of human EEFSEC.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-EEFSEC antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-EEFSEC antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-EEFSEC antibody	IHC: 1:50-100 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-EEFSEC antibody	EEFSEC is a translation factor necessary for the incorporation of selenocysteine into proteins. It probably replaces EF-Tu for the insertion of selenocysteine directed by the UGA codon. SelB binds GTP and GDP.
Other Notes	Small volumes of anti-EEFSEC 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 ice and additional dry ice fee may apply.
Searchable Terms for EEFSEC purchase	MBS6294467 is an antibody targeting EEFSEC. Also known as EEFSEC, CT (EEFSEC, SELB, Selenocysteine-specific elongation factor, Elongation factor sec, Eukaryotic elongation factor, selenocysteine-tRNA-specific) (AP). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-EEFSEC antibody
Western blot analysis of EEFSEC Antibody (C-term) in mouse lung tissue lysates (35ug/lane). EEFSEC (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-EEFSEC antibody
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with EEFSEC Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL DETAILS

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

NCBI GI #	54607086
NCBI GeneID	60678
NCBI Accession #	NP_068756
UniProt Primary Accession #	P57772
UniProt Secondary Accession #	Q96HZ6
UniProt Related Accession #	P57772
GenBank Nucleotide #	NM_021937
NCBI Official Full Name	selenocysteine-specific elongation factor
NCBI Official Synonym Full Names	eukaryotic elongation factor, selenocysteine-tRNA-specific
NCBI Official Symbol	EEFSEC
NCBI Official Synonym Symbols	SELB; EFSEC
UniProt Protein Name	Selenocysteine-specific elongation factor
UniProt Synonym Protein Names	Elongation factor sec; Eukaryotic elongation factor, selenocysteine-tRNA-specific
Protein Family	Selenocysteine-specific elongation factor
UniProt Gene Name	EEFSEC
UniProt Synonym Gene Names	SELB
UniProt Entry Name	SELB_HUMAN
NCBI Protein Information	selenocysteine-specific elongation factor; elongation factor for selenoprotein translation; elongation factor sec
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/polyclonal-human-mouse-antibody/eefsec/6294467