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) (MaxLight 550)
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 MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. 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. Caution: MaxLight550 conjugates are sensitive to light. 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	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-EEFSEC antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-EEFSEC antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-EEFSEC antibody	IHC: 1:50-100 FLISA: 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	MBS6294474 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) (MaxLight 550). Reactive in Human, Mouse. Host: Rabbit.

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
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