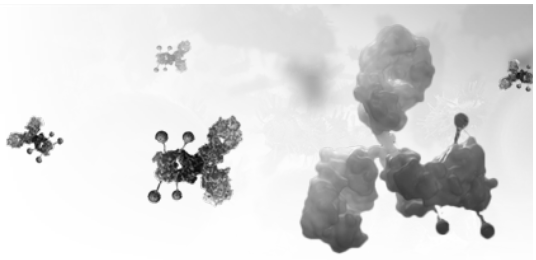

Mouse anti-Human ETF1 monoclonal antibody, clone 3I5 (CABT-B10208)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ETF1 (NP_004721, 338 a.a. ~ 438 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3I5
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	TEEEKILYLTPEQEKDKSHFTDKETGQEHELIESMPLLEWFANNYKKFGATLEIVTDKSQEGSQFVKGFGGIGGILRYRVDFQGMEYQGGDDEFFDLDDY*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA,

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	UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6, 7, and X. [provided by RefSeq, Aug 2013]
Keywords	ETF1; eukaryotic translation termination factor 1; ERF; RF1; ERF1; TB3-1; D5S1995; SUP45L1; eukaryotic peptide chain release factor subunit 1; protein CI1; polypeptide chain release factor 1; sup45 (yeast omnipotent suppressor 45) homolog-like 1;

GENE INFORMATION

Entrez Gene ID	2107
UniProt ID	Q96CG1
Pathway	Eukaryotic Translation Termination, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of RNA, organism-specific biosystem; Metabolism of mRNA, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem
Function	RNA binding; protein binding; ribosome binding; translation release factor activity; translation release factor activity, codon specific; translation termination factor activity

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