



Mouse anti-Human FAU monoclonal antibody, clone 4D21 (CABT-B10234)

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

PRODUCT INFORMATION

Immunogen	FAU (AAH33877, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4D21
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	MQLFVRAQELHTFEVTGQETVAQIKAHVASLEGIAPEDQVVLLAGAPLEDEATLGQCGVE ALTTQEVAAGRMLGGKVHGSLARAGKVRGQTPKVAKQEKKKKTGRAKRRMQYNRRFVNVV PTFGKKKGPNANS*
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 is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine
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sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome and displays antimicrobial activity. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin. [provided by RefSeq, Nov 2014]

Keywords	FAU; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed; S30; FAU1; Fub1; Fubi; asr1; RPS30; MNSFbeta; ubiquitin-like protein fubi and ribosomal protein S30; ribosomal protein S30; 40S ribosomal protein S30; ubiquitin-like-S30 fusion protein; FAU-encoded ubiquitin-like protein; FBR-MuSV-associated ubiquitously expressed; monoclonal nonspecific suppressor factor beta; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived);
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GENE INFORMATION

Entrez Gene ID	2197
UniProt ID	P35544
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem
Function	RNA binding; molecular_function; structural constituent of ribosome
