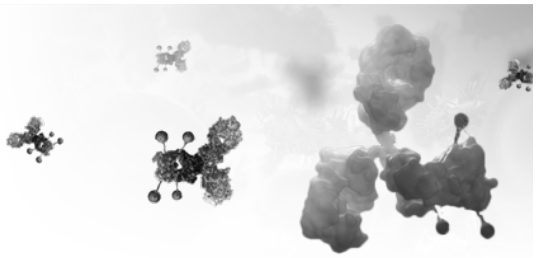

Mouse anti-Human EEF1D monoclonal antibody, clone 5C23 (CABT-B10165)

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

PRODUCT INFORMATION

Immunogen	EEF1D (NP_115754, 1 a.a. ~ 92 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5C23
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	MRSGKASCTLETVWEDKHKYEEAERRFYEHEATQAAASAQQLPAEGPAMNGPGQDDPEDA DEAEAPDGGSRRDPRKSQDSRKPLQKKRKRS*
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 subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as

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	guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.[provided by RefSeq, Aug 2010]
Keywords	EEF1D; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein); EF1D; EF-1D; FP1047; elongation factor 1-delta; EF-1-delta; antigen NY-CO-4; guanine nucleotide exchange protein;

GENE INFORMATION

Entrez Gene ID	1936
UniProt ID	P29692
Pathway	Eukaryotic Translation Elongation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Translation, organism-specific biosystem; Translation Factors, organism-specific biosystem
Function	protein binding; signal transducer activity; translation elongation factor activity; translation factor activity, nucleic acid binding

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