



Mouse anti-Human EIF4EBP3 monoclonal antibody, clone 5D2 (CABT-B10178)

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

PRODUCT INFORMATION

Immunogen	EIF4EBP3 (NP_003723, 1 a.a. ~ 101 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	5D2
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	MSTSTSCIPGGRDQLPDCYSTPGGTLYATTPGGTRIYDRKFLLECKNSPIARTPPCC LPQIPGVTTPPPTAPLSKLEELKEQETEEEIPDDAQFEMDI*
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 member of the EIF4EBP family, which consists of proteins that bind to eukaryotic translation initiation factor 4E and regulate its assembly into EIF4F, the multi-subunit
---------------------	---

translation initiation factor that recognizes the mRNA cap structure. Read-through transcription from the neighboring upstream gene (MASK or ANKHD1) generates a transcript (MASK-BP3) that encodes a protein comprised of the MASK protein sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments.
[provided by RefSeq, Oct 2010]

Keywords	EIF4EBP3; eukaryotic translation initiation factor 4E binding protein 3; 4EBP3; 4E-BP3; eukaryotic translation initiation factor 4E-binding protein 3; eIF4E-binding protein 3; eukaryotic initiation factor 4E-binding protein 3;
-----------------	--

GENE INFORMATION

Entrez Gene ID	8637
UniProt ID	O60516
Pathway	Translation Factors, organism-specific biosystem
Function	eukaryotic initiation factor 4E binding; protein binding; translation repressor activity
