



# 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

<b>Immunogen</b>	EIF4EBP3 (NP_003723, 1 a.a. ~ 101 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5D2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IF,ELISA
<b>Sequence Similarities</b>	MSTSTSCPIPGGRDQLPDCYSTTPGGTLYATTPGGTRIYDRKFLLECKNSPIARTPPCC LPQIPGVTTTPPTAPLSKLEELKEQETEEEIPDDAQFEMDI*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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]

---

<b>Keywords</b>	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

---

<b>Entrez Gene ID</b>	<a href="#">8637</a>
<b>UniProt ID</b>	<a href="#">O60516</a>
<b>Pathway</b>	Translation Factors, organism-specific biosystem
<b>Function</b>	eukaryotic initiation factor 4E binding; protein binding; translation repressor activity

---