



Mouse anti-Human MAFA monoclonal antibody, clone 3G2 (CABT-B10603)

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

PRODUCT INFORMATION

Immunogen	MAFA (NP_963883, 222 a.a. ~ 309 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	3G2
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	LEERFSDDQLVSMVRELNRLRGFSKEEVIRLKQKRRTLKNRGYAQSCRFRVQQRHIL ESEKCQLQSQVEQLKLEVGRLLAKERDL*
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	MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS; MIM 176730) (Olbrot et al.,
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2002Mouse monoclonal antibody raised against a partial recombinant MAFA.

Keywords

MAFA; v-maf musculoaponeurotic fibrosarcoma oncogene family, protein A (avian); RIPE3b1; transcription factor MafA; Mafa homolog; pancreatic beta-cell-specific transcriptional activator; V-maf musculoaponeurotic fibrosarcoma oncogene homolog A;

GENE INFORMATION

Entrez Gene ID

[389692](#)

UniProt ID

[Q8NHW3](#)

Pathway

Diabetes pathways, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Regulation of beta-cell development, organism-specific biosystem; Regulation of gene expression in beta cells, organism-specific biosystem

Function

DNA binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
