



Anti-MSK monoclonal antibody, clone 2E2 (CABT-18521MH)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. Mouse monoclonal antibody raised against a partial recombinant MSK.
Immunogen	MSK (NP_005089, 103 a.a. ~ 189 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	2E2
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	ECKQSQRNAANARERARMRVLSKAFSRLKTSLPWVPPDTKLSKLDTLRLASSYIAHLRQL LQEDRYENG YVHPVNLTWPFVVSGRP*
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MSC musculin [Homo sapiens]
Official Symbol	MSC
Synonyms	musculin; MYOR; ABF-1; activated B-cell factor 1, homolog of mouse musculin; bHLHa22; activated B-cell factor-1; Class A basic helix-loop-helix protein 22; ABF1; Activated B-cell factor 1; musculin (activated B-cell factor-1); OTTHUMP00000226810
Entrez Gene ID	9242
Protein Refseq	NP_005089
UniProt ID	O60682
Chromosome Location	8q21
Pathway	Id Signaling Pathway, organism-specific biosystem.
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity