



Mouse anti-Human MYOZ2 monoclonal antibody, clone 2E5 (CABT-B9481)

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

PRODUCT INFORMATION

Immunogen	MYOZ2 (AAH05195, 1 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2E5
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to
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calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder. [provided by RefSeq, Aug 2011]

Keywords	MYOZ2; myozenin 2; CS-1; CMH16; C4orf5; myozenin-2; FATZ-related protein 2; muscle-specific protein; calcineurin-binding protein calsarcin-1;
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GENE INFORMATION

Entrez Gene ID [51778](#)

UniProt ID [Q9NPC6](#)
