



Mouse anti-Human JPH1 monoclonal antibody, clone 3F7 (CABT-B10484)

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

PRODUCT INFORMATION

Immunogen	JPH1 (NP_065698, 501 a.a. ~ 580 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	3F7
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	VADEQVTAIVNKPLMSKAPTKEAGAVVPQSKYSGRHHIPNPSNGELHSQYHGYYVKLNAP QHPPVDVEDGDGSSQSSA*
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	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface
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and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin gene family. [provided by RefSeq, Jul 2008]

Keywords	JPH1; junctophilin 1; JP1; JP-1; junctophilin-1; mitsugumin72; junctophilin type1; junctophilin type 1;
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GENE INFORMATION

Entrez Gene ID [56704](#)

UniProt ID [Q9HDC5](#)

Function molecular_function; structural constituent of muscle
