



Mouse anti-Human EPM2A monoclonal antibody, clone 5B23 (CABT-B10201)

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

PRODUCT INFORMATION

Immunogen	EPM2A (NP_001018051, 101 a.a. ~ 200 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	5B23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GNGPHHDCCTYNENNLDVG VYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQAMHYSRI LPNIWLGSCPRQVEHVTIKLKHELGITAVMNFQTEWDIV*
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	This gene encodes a dual-specificity phosphatase that associates with polyribosomes. The encoded protein may be involved in the regulation of glycogen metabolism. Mutations in this
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gene have been associated with myoclonic epilepsy of Lafora. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Keywords	EPM2A; epilepsy, progressive myoclonus type 2A, Lafora disease (laforin); EPM2; MELF; laforin; LAFPTPase; lafora PTPase; glucan phosphatase; epilepsy, progressive myoclonus type 2, Lafora disease (laforin);
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GENE INFORMATION

Entrez Gene ID	7957
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UniProt ID	Q6IS15
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Function	carbohydrate binding; hydrolase activity; identical protein binding; protein binding; protein serine/threonine phosphatase activity; protein serine/threonine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity
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