



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

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| 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 | GNGPHHDRCCTYNENNLDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQAMHYSRILPNIWLGS... LPNIWLGS... CPRQVEHVTIKLHELGITAVMNFQTEWDIV* |
| 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

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| 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]

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| 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

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| 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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