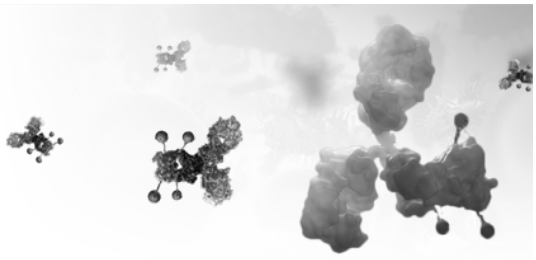

Mouse anti-Human MTMR3 monoclonal antibody, clone 2F22 (CABT-B9478)

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

PRODUCT INFORMATION

Immunogen	MTMR3 (NP_066576.1, 579 a.a. ~ 674 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2F22
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA, ICC, IF, WB
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.2
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	This gene encodes a member of the myotubularin dual specificity protein phosphatase gene

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	family. The encoded protein is structurally similar to myotubularin but in addition contains a FYVE domain and an N-terminal PH-GRAM domain. The protein can self-associate and also form heteromers with another myotubularin related protein. The protein binds to phosphoinositide lipids through the PH-GRAM domain, and can hydrolyze phosphatidylinositol(3)-phosphate and phosphatidylinositol(3,5)-biphosphate in vitro. The encoded protein has been observed to have a perinuclear, possibly membrane-bound, distribution in cells, but it has also been found free in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Keywords	MTMR3; myotubularin related protein 3; ZFYVE10; FYVE-DSP1; myotubularin-related protein 3; zinc finger, FYVE domain containing 10; phosphatidylinositol-3-phosphate phosphatase; zinc finger FYVE domain-containing protein 10; phosphatidylinositol-3,5-bisphosphate 3-phosphatase; FYVE domain-containing dual specificity protein phosphatase 1; FYVE (Fab1 YGLO23 Vsp27 EEA1 domain) dual-specificity protein phosphatase;

GENE INFORMATION

Entrez Gene ID	8897
UniProt ID	Q13615

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221