



Mouse anti-Human GEM monoclonal antibody, clone 5C23 (CABT-B10317)

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

PRODUCT INFORMATION

Immunogen	GEM (AAH22010, 1 a.a. ~ 100 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	5C23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MTLNNVTMRQGTVGMQPQQQRWSIPADGRHLMVQKEPHQYSHRNRHSATPEDHCRRSWSS DSTDVISSESGNTYYRVVLIGEQQGVGKSTLANIFAGVHD
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	The protein encoded by this gene belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face of the plasma membrane and could play a role as a regulatory
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protein in receptor-mediated signal transduction. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

Keywords	GEM; GTP binding protein overexpressed in skeletal muscle; KIR; GTP-binding protein GEM; RAS-like protein KIR; kinase-inducible Ras-like protein; GTP-binding mitogen-induced T-cell protein; GTP-binding protein overexpressed in skeletal muscle;
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GENE INFORMATION

Entrez Gene ID	2669
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UniProt ID	P55040
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Function	GDP binding; GTP binding; GTPase activity; calmodulin binding; magnesium ion binding; nucleotide binding; protein binding
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