



Mouse anti-Human LMOD1 monoclonal antibody, clone 4C9 (CABT-B10579)

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

PRODUCT INFORMATION

Immunogen	LMOD1 (AAH01755, 1 a.a. ~ 270 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4C9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MEELEKELDVVDPDGSPVGLRQRNQTEKQSTGVYNREAMLNFCEKETKKLMQREMSMDE SKQVETKTDAKNGEERGRDASKKALGPRRSDLGKEPKRGGLKKSFSDRDRDEAGGKSGEK PKEEKIIRGIDKGRVRAAVDKKEAGKDGRGEERAVATKKEEEKKGS DRNTGLSRDKDKKR EEMKEVAKKEDDEKVKGGAPAAPPPPPPLAPPLIMENLKNSLSPATQRKMGDKVLP AQE KNSRDQLLAIRSSN
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 leiomodin 1 protein has a putative membrane-spanning region and 2 types of tandemly repeated blocks. The transcript is expressed in all tissues tested, with the highest levels in thyroid, eye muscle, skeletal muscle, and ovary. Increased expression of leiomodin 1 may be linked to Graves disease and thyroid-associated ophthalmopathy. [provided by RefSeq, Jul 2008]
Keywords	LMOD1; leiomodin 1 (smooth muscle); 1D; D1; 64kD; SMLMOD; SM-LMOD; leiomodin-1; 64 kDa autoantigen 1D; 64 kDa autoantigen D1; 64 kDa autoantigen 1D3; leiomodin, muscle form; smooth muscle leiomodin; leiomodin 1 (smooth muscle); thyroid and eye muscle autoantigen D1 (64kD); thyroid-associated ophthalmopathy autoantigen;

GENE INFORMATION

Entrez Gene ID	25802
UniProt ID	P29536
Pathway	Muscle contraction, organism-specific biosystem; Smooth Muscle Contraction, organism-specific biosystem
Function	tropomyosin binding