



Mouse anti-Human LETM1 monoclonal antibody, clone 7G8 (CABT-B10558)

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

PRODUCT INFORMATION

Immunogen	LETM1 (NP_036450, 601 a.a. ~ 708 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	7G8
Conjugate	Unconjugated
Applications	WB, IHC, IF, IP, sELISA, ELISA
Sequence Similarities	ESKASKRLTKRVQQMIGQIDGLISQLEMDQQAGKLAPANGMPTGENVISVAELINAMKQV KHIPESKLTSLAAALDENKDGKVNIDDLVKVIELVDKEDVHISTSQVA
Format	Liquid
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 protein that is localized to the inner mitochondrial membrane. The protein functions to maintain the mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. Mutations in this gene cause Wolf-Hirschhorn syndrome, a
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complex malformation syndrome caused by the deletion of parts of the distal short arm of chromosome 4. Related pseudogenes have been identified on chromosomes 8, 15 and 19.
[provided by RefSeq, Oct 2009]

Keywords LETM1; leucine zipper-EF-hand containing transmembrane protein 1; LETM1 and EF-hand domain-containing protein 1, mitochondrial; Mdm38 homolog;

GENE INFORMATION

Entrez Gene ID [3954](#)

UniProt ID [O95202](#)

Function calcium ion binding; protein binding;