



Mouse anti-Human EML1 monoclonal antibody, clone 6H4 (CABT-B10185)

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

PRODUCT INFORMATION

Immunogen	EML1 (-, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	6H4
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	MEDGFSSYSSLYDTSSLLQFCNDDSSASAASSMEVTDRIASLEQRVQM QEDDIQLLKSALA DVVRRLNITEEQQAVLNRK GPTKARPLMQTLPLRTTVNN*
Format	Liquid
Size	200 µl
Buffer	In ascites fluid
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Human echinoderm microtubule-associated protein-like is a strong candidate for the Usher syndrome type 1A gene. Usher syndromes (USHs) are a group of genetic disorders consisting of congenital deafness, retinitis pigmentosa, and vestibular dysfunction of variable onset and
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severity depending on the genetic type. The disease process in USHs involves the entire brain and is not limited to the posterior fossa or auditory and visual systems. The USHs are categorized as type I (USH1A, USH1B, USH1C, USH1D, USH1E and USH1F), type II (USH2A and USH2B) and type III (USH3). The type I is the most severe form. Gene loci responsible for these three types are all mapped. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Keywords	EML1; echinoderm microtubule associated protein like 1; EMAP; ELP79; EMAPL; HuEMAP; echinoderm microtubule-associated protein-like 1; EMAP-1; huEMAP-1;
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GENE INFORMATION

Entrez Gene ID [2009](#)

UniProt ID [O00423](#)

Function calcium ion binding; protein binding
