



# Mouse anti-Human EMILIN1 monoclonal antibody, clone 5B4 (CABT-B10184)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	EMILIN1 (AAH07530, 1 a.a. ~ 348 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5B4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	MADLGATKDRIISEINRLQQEATEHATESEGRFRGLEEGQAQAGQCPSLEGRLGRLEGVC ERLDTVAGGLQGLREGLSRHVAGLWAGLRETNNTTSQMQAALLEKLVGGQAGLGRRLGALN SSLQLLEDRLHQLSLKDLTGEGTKGPAGEAGPPGPPGLQGPPGPAGPPGSPGKDGQEGPI GPPGPQGEQGVEGAPAAPVPQVAFSAALSLPRSEPGTVPFDRVLLNDGGYYDPETGVFTA PLAGRYLLSAVLTGH
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

**Introduction** This gene encodes an extracellular matrix glycoprotein that is characterized by an N-terminal microfibril interface domain, a coiled-coiled alpha-helical domain, a collagenous domain and a C-terminal globular C1q domain. The encoded protein associates with elastic fibers at the interface between elastin and microfibrils and may play a role in the development of elastic tissues including large blood vessels, dermis, heart and lung. [provided by RefSeq, Sep 2009]

**Keywords** EMILIN1; elastin microfibril interfacer 1; EMI; gp115; EMILIN; EMILIN-1; elastin microfibril interface located protein; elastin microfibril interface-located protein 1;

## GENE INFORMATION

**Entrez Gene ID** [11117](#)

**UniProt ID** [Q9Y6C2](#)

**Function** extracellular matrix constituent conferring elasticity; identical protein binding; protein binding