



Mouse anti-Human C8B monoclonal antibody, clone 25B21 (CABT-B9875)

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

PRODUCT INFORMATION

Immunogen	Native purified human C8B.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	25B21
Conjugate	Unconjugated
Applications	WB, IP, ELISA
Format	Liquid
Size	100 µl
Buffer	In HEPES, 150 mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)
Storage	-20°C, avoid repeated freeze/thaw cycles

BACKGROUND

Introduction	This gene encodes one of the three subunits of the complement component 8 (C8) protein. C8 is composed of equimolar amounts of alpha, beta and gamma subunits, which are encoded by three separate genes. C8 is one component of the membrane attack complex, which mediates cell lysis, and it initiates membrane penetration of the complex. This protein mediates the interaction of C8 with the C5b-7 membrane attack complex precursor. In humans deficiency of
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this protein is associated with increased risk of meningococcal infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Keywords	C8B; complement component 8, beta polypeptide; C82; complement component C8 beta chain; complement component 8 subunit beta;
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GENE INFORMATION

Entrez Gene ID	732
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UniProt ID	Q05CV3
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Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem
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