



# Mouse anti-Human FCN1 monoclonal antibody, clone 3C8 (CABT-B10255)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	FCN1 (NP_001994, 201 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3C8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	SSELRVLDLVDFEGNHQFAKYKSFKVADEAEKYKLVLGAFVGGSSAGNSLTGHNNNFFSTKD QDNDVSSSNCAEFQGAWWYADCHASNLNGLYLMGPHEsy*
<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

<b>Introduction</b>	The ficolin family of proteins are characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain.
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The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq, Jul 2008]

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**Keywords**

FCN1; ficolin (collagen/fibrinogen domain containing) 1; FCNM; ficolin-1; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1;

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## GENE INFORMATION

**Entrez Gene ID**

[2219](#)

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**UniProt ID**

[Q5VYV5](#)

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**Function**

antigen binding; calcium ion binding; receptor binding; sugar binding

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