



# Mouse anti-Human CFHR1 monoclonal antibody, clone 5E8 (CABT-B9955)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CFHR1 (AAH16755, 19 a.a. ~ 331 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>	5E8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	sELISA, ELISA
<b>Sequence Similarities</b>	EATFCDFPKINHGILYDEEKYKPFQVPTGEVFYYSCYNFVSPSKSFWTRITCTEEGWS PTPKCLRLCFFPFVENGHSESSGQTHLEGDTVQIICNTGYRLQNNENNISCVERGWSTPP KCRSTDTSVCNPPTVQNAHILSRQMSKYPGERVRYECRSPYEMFGDEEVMLNGNWTEP PQCKDSTGKGPPPPIDNGDITSFPLSVYAPASSVEYQCQNLQLEGNKRTCRNGQWSE PPKCLHPCVISREIM
<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 a secreted protein belonging to the complement factor H protein family. It binds to *Pseudomonas aeruginosa* elongation factor Tuf together with plasminogen, which is proteolytically activated. It is proposed that Tuf acts as a virulence factor by acquiring host proteins to the pathogen surface, controlling complement, and facilitating tissue invasion. Mutations in this gene are associated with an increased risk of atypical hemolytic-uremic syndrome. [provided by RefSeq, Oct 2009]

**Keywords**

CFHR1; complement factor H-related 1; CFHL; FHR1; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P; complement factor H-related protein 1; H36; FHR-1; H-factor-like 1; h factor-like protein 1; H factor (complement)-like 1; H factor (complement)-like 2; complement factor H-related 1 pseudogene;

## GENE INFORMATION

**Entrez Gene ID**

[3078](#)

**UniProt ID**

[Q03591](#)