



Rabbit Anti-Human C7 monoclonal antibody, clone S224 (CABT-ZB807)

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

PRODUCT INFORMATION

Specificity	It reacts with Human C7
Target	C7
Immunogen	Recombinant Human Complement component 7 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S224
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect C7 in antibody pair set. [ABPR-ZB387]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Complement component 7.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction Complement component 7 is a component of the complement system. It belongs to the complement C6/C7/C8/C9 family. It contains 1 EGF-like domain, 1 LDL-receptor class A domain, 1 MACPF domain, 2 Sushi (CCP/SCR) domains and 2 TSP type-1 domains. Complement component 7 serves as a membrane anchor. It participates in the formation of Membrane Attack Complex (MAC). People with C7 deficiency are prone to bacterial infection. It is a constituent of MAC that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. Defects in C7 are a cause of complement component 7 deficiency (C7D). A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by *Neisseria gonorrhoeae* or *Neisseria meningitidis*.

Keywords C7; complement component 7; complement component C7

GENE INFORMATION

Synonyms C7; complement component 7; complement component C7

Entrez Gene ID [730](#)

UniProt ID [P10643](#)