



Human Anti-Human C5 (Eculizumab) Monoclonal Antibody, clone Eculizumab [Biosimilar] (CABT-Z701H)

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

PRODUCT INFORMATION

Specificity	Detects human Complement protein C5. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Eculizumab.
Immunogen	Human Complement protein C5.
Isotype	IgG2/4, κ
Source/Host	Human
Species Reactivity	Human
Clone	Eculizumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	Eculizumab biosimilar is a recombinant humanized monoclonal IgG2/4k antibody produced by Chinese hamster ovary cell culture and purified by standard bioprocess technology. Eculizumab biosimilar contains human constant regions from human IgG2 sequences and human IgG4 sequences and murine complementarity-determining regions grafted onto the human framework light- and heavy-chain variable regions. Eculizumab biosimilar is composed of two 448 amino acid heavy chains and two 214 amino acid light chains and has a molecular weight of approximately 148 kDa.
Keywords	C5;complement component 5;complement C5;CPAMD4;Anaphylatoxin C5a;Anaphylatoxin C5a analog

GENE INFORMATION

Gene Name	C5
Entrez Gene ID	727
UniProt ID	P01031
