



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

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|---------------------------|---|
| 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 |

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

BACKGROUND

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| Introduction | <p>Eculizumab biosimilar is a recombinant humanized monoclonal IgG2/4κ 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. Eculiz umab biosimilaris composed of two 448 amino acid heavy chains and two 214 amino acid light chains and has a molecular weight of approximately 148 kDa.</p> |
| Keywords | C5;complement component 5;complement C5;CPAMD4;Anaphylatoxin C5a;Anaphylatoxin C5a analog |

GENE INFORMATION

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|-----------------------|------------------------|
| Gene Name | C5 |
| Entrez Gene ID | 727 |
| UniProt ID | P01031 |