



Human Anti-Human C5 (Vilobelimab) Monoclonal Antibody, clone Vilobelimab (CABT-CS534)

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

PRODUCT INFORMATION

Specificity	C5
Target	C5
Isotype	IgG4, Kappa
Source/Host	Human
Species Reactivity	Human
Clone	Vilobelimab
Purification	>95%
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg, 1 mg
Buffer	PBS buffer PH7.5
Preservative	None
Storage	Store at -80°C.

BACKGROUND

Introduction

Complement component 5 is the fifth component of complement, which plays an important role in inflammatory and cell killing processes. This protein is composed of alpha and beta polypeptide chains that are linked by a disulfide bridge. An activation peptide, C5a, which is an anaphylatoxin that possesses potent spasmogenic and chemotactic activity, is derived from the alpha polypeptide via cleavage with a C5-convertase. The C5b macromolecular cleavage product can form a complex with the C6 complement component, and this complex is the basis for formation of the membrane attack complex, which includes additional complement components.

Keywords

C5; complement component 5; ECLZB; CPAMD4