

**M041023**

**Complement C5 Antibody**



- ☐ 50ul
- ☐ 100 uL

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### **Description:**

Activation of C5 by a C5 convertase initiates the spontaneous assembly of the late complement components, C5-C9, into the membrane attack complex. C5b has a transient binding site for C6. The C5b-C6 complex is the foundation upon which the lytic complex is assembled. Derived from proteolytic degradation of complement C5, C5 anaphylatoxin is a mediator of local inflammatory process. Binding to the receptor C5AR1 induces a variety of responses including intracellular calcium release, contraction of smooth muscle, increased vascular permeability, and histamine release from mast cells and basophilic leukocytes. C5a is also a potent chemokine which stimulates the locomotion of polymorphonuclear leukocytes and directs their migration toward sites of inflammation.

**Uniprot :** P01031

### **Alternative Names:**

Anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; C5; C5a; CO5\_HUMAN; Complement C5 alpha" chain; Complement C5; Complement component C5; CPAMD4;

**Reactivity :** Human, Mouse, Rat

**Source :** Mouse monoclonal

**Mol.Wt. :** 188kDa

**Storage Condition :** Store at -20 °C. Stable for 12 months from date of receipt.

**Application :** WB 1:500-1:2000