

## C5a Rabbit pAb

db20385

Package : 20µL 50µL 100µL

**Product Name** : C5a Rabbit pAb**Cat.No.:** db20385**Synonyms** : C5D; C5a; C5b; ECLZB; CPAMD4**Application** : WB, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a component of the complement system, a part of the innate immune system that plays an important role in inflammation, host homeostasis, and host defense against pathogens. The encoded preproprotein is proteolytically processed to generate multiple protein products, including the C5 alpha chain, C5 beta chain, C5a anaphylatoxin and C5b. The C5 protein is comprised of the C5 alpha and beta chains, which are linked by a disulfide bridge. Cleavage of the alpha chain by a convertase enzyme results in the formation of the C5a anaphylatoxin, which possesses potent spasmogenic and chemotactic activity, and the C5b macromolecular cleavage product, a subunit of the membrane attack complex (MAC). Mutations in this gene cause complement component 5 deficiency, a disease characterized by recurrent bacterial infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]

**Immunogen**

Recombinant protein of human C5a

**Gene ID**

727

**Swiss Prot**

P01031

**Synonyms**

C5D; C5a; C5b; ECLZB; CPAMD4

**Reactivity**

Human

**Application**

WB, IP

**Recommended dilution**

WB: 1:1000

IP: 1:20

**Calculated MW**

188 kDa

**Observed MW**

115 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.