

**M036084**

**Factor I Antibody**



- ☐ 50ul
- ☐ 100 uL

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### **Description:**

Trypsin-like serine protease that plays an essential role in regulating the immune response by controlling all complement pathways. Inhibits these pathways by cleaving three peptide bonds in the alpha-chain of C3b and two bonds in the alpha-chain of C4b thereby inactivating these proteins. Essential cofactors for these reactions include factor H and C4BP in the fluid phase and membrane cofactor protein/CD46 and CR1 on cell surfaces. The presence of these cofactors on healthy cells allows degradation of deposited C3b by CFI in order to prevent undesired complement activation, while in apoptotic cells or microbes, the absence of such cofactors leads to C3b-mediated complement activation and subsequent opsonization.

**Uniprot :** P05156

### **Alternative Names:**

AHUS3; ARMD13; C3b INA; C3b inactivator; C3B/C4B inactivator; C3BINA; CFAI\_HUMAN; Cfi; Complement component I; Complement control protein factor I; Complement factor I; Complement factor I heavy chain; Complement factor I light chain; F1; factor I; FactorI; FI; I factor; IF; KAF; Konglutinogen activating factor; Light chain of factor I; OTTHUMP00000219728; OTTHUMP00000221928;

**Reactivity :** Human

**Source :** Mouse monoclonal

**Mol.Wt. :** 66kDa

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

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