

M058210

Complement C3 Antibody



- 50ul
- 100 uL

Order	021-34695924 orders@ab-mart.com
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Description:

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. In chronic inflammation, acts as a chemoattractant for neutrophils (By similarity). It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. Acts as a chemoattractant for neutrophils in chronic inflammation. Adipogenic hormone that stimulates triglyceride (TG) synthesis and glucose transport in adipocytes, regulating fat storage and playing a role in postprandial TG clearance. Appears to stimulate TG synthesis via activation of the PLC, MAPK and AKT signaling pathways. Ligand for C5AR2. Promotes the phosphorylation, ARRB2-mediated internalization and recycling of C5AR2.

Uniprot : P01024

Alternative Names:

acylation-stimulating protein cleavage product; AHUS5; ARMD9; ASP; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; C3; c3 complement; C3a anaphylatoxin; C3a; C3b; CO3_HUMAN; Complement C3; Complement C3c alpha' chain fragment 2; Complement C3c; Complement component 3; Complement component C3; Complement component C3a; Complement component C3b; Complement factor 3; CPAMD1; Prepro C3;

Reactivity : Human

Source : Mouse monoclonal

Mol.Wt. : 187kDa

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

Application : WB 1:500-1:2000