

## Mouse Monoclonal Antibody to C1QC

**Catalogue Number** sAP-1540

**Target Molecule** **Name:** C1QC

**Aliases:** C1QG; C1Q-C

**MW:** 25.7kDa

**Entrez Gene ID:** 714

**Description** This gene encodes the C-chain polypeptide of serum complement subcomponent C1q, which associates with C1r and C1s to yield the first component of the serum complement system. C1q is composed of 18 polypeptide chains which include 6 A-chains, 6 B-chains, and 6 C-chains. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. C1q deficiency is associated with lupus erythematosus and glomerulonephritis.

**Immunogen** Purified recombinant fragment of human C1QC (AA: 115-245) expressed in E. Coli.

**Reactive Species** Human;

**Clone** MM4H9D7

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1.J Invest Dermatol. 2014 Apr;134(4):1152-4.2.BMC Pharmacol. 2004 Sep 7;4:19.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**