

## Mouse Monoclonal Antibody to C1QA

Catalogue Number	sAP-1440
Target Molecule	<b>Name:</b> C1QA <b>Aliases:</b> BCL1; PRAD1; U21B31; D11S287E <b>MW:</b> 33.7kDa <b>Entrez Gene ID:</b> 595
Description	This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the A-chain polypeptide of human complement subcomponent C1q.;
Immunogen	Purified recombinant fragment of human C1QA (AA: 23-167) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1C7G3;
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; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Immunology. 2012 May;136(1):78-85. ; 2.Br J Cancer. 2010 Apr 13;102(8):1294-9.;

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**