

C1QC
Purified Mouse Monoclonal Antibody
Catalog # AO2538a**Specification**

C1QC - Product Information

Application	WB, IHC, ICC, E
Primary Accession	P02747
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	25.7kDa KDa

Immunogen

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

Formulation

Purified antibody in PBS with 0.05% sodium azide

C1QC - Additional Information

Gene ID 714

Other Names

C1QG; C1Q-C

Dilution

WB~~ 1/500 - 1/2000

IHC~~1:100~500

ICC~~N/A

E~~ 1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

C1QC is for research use only and not for use in diagnostic or therapeutic procedures.

C1QC - Protein Information

Name C1QC

Synonyms C1QG

Function

C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum

complement system. The collagen-like regions of C1q interact with the Ca^{2+} -dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

Cellular Location

Secreted.

C1QC - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C1QC - Images

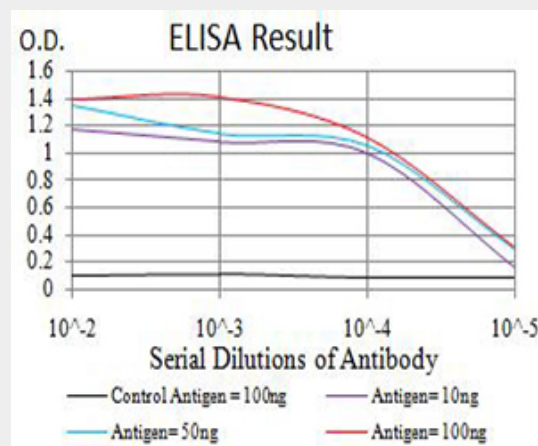


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

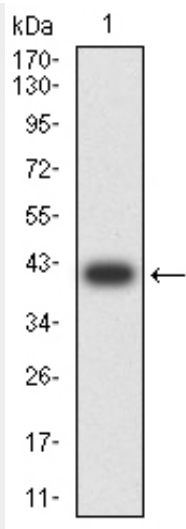


Figure 2: Western blot analysis using C1QC mAb against human C1QC (AA: 115-245) recombinant protein. (Expected MW is 40 kDa)

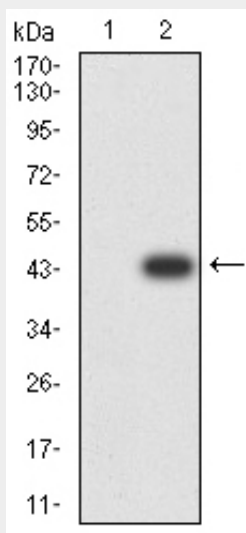


Figure 3: Western blot analysis using C1QC mAb against HEK293 (1) and C1QC (AA: 115-245)-hlgGfC transfected HEK293 (2) cell lysate.

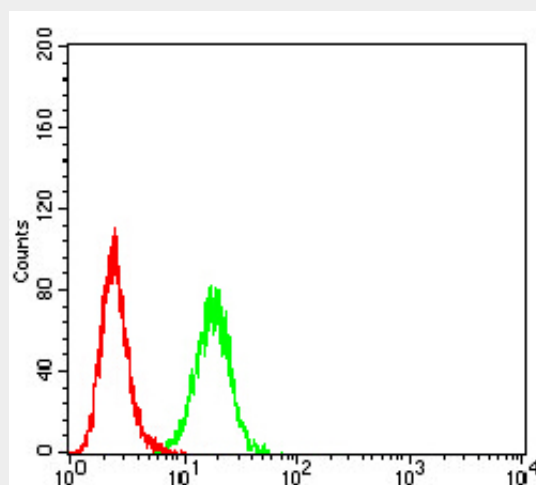


Figure 4: Flow cytometric analysis of HeLa cells using C1QC mouse mAb (green) and negative

control (red).

C1QC - References

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