

C1QC mouse monoclonal antibody (hybridoma)

Catalog # H00000714-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant C1QC.
Immunogen	C1QC (NP_758957.2, 1 a.a. ~ 245 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDVGPSLPHLGLKLLLLLLLLPLRGQANTGCYIGPMPLPGAPGKDG YDGLPGPKGEPGIPAIP GIRGPKGQKGEPGLPGHPGKNGPMGPPGMPGVPGPMGIPGEPGEEGRYKQKFQSVFTVTRQTH QPPAPNSLIRFNAVL TNPQGDYDTSTGKFTCKVPGLYYFVYHASHTANLCVLLYRSGVKVVTFCGH TSKTNQVNSGGVLLRLQVGEEVWLAVNDYYDMVGIQGS DSVFSGFLLFPD
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — C1QC

Entrez GeneID [714](#)

GeneBank Accession# [NM_172369.2](#)

Protein Accession# [NP_758957.2](#)

Gene Name C1QC

Gene Alias C1Q-C, C1QG, FLJ27103

Gene Description complement component 1, q subcomponent, C chain

Omim ID [120575](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. A deficiency in 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 C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000002932|OTTHUMP00000002933|OTTHUMP000000037922|complement C1q subcomponent subunit C|complement component 1, q subcomponent, gamma polypeptide

Pathway

- [Complement and coagulation cascades](#)
- [Prion diseases](#)
- [Systemic lupus erythematosus](#)

Disease

- [Amyloid Neuropathies](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)