

C1QB mouse monoclonal antibody (hybridoma)

Catalog # H00000713-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant C1QB.
Immunogen	C1QB (NP_000482.3, 1 a.a. ~ 253 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMMKIPWGSIPVLMLLLLGLIDISQAQLSCTGPPAIPGIPGIPGTPGPDGQPGTPGIKGEKGLPGLA GDHGEFGEKGDPGIPGNPGKVGPKGPMGPKGGPGAPGAPGPKGESGDYKATQKIAFSATRTIN VPLRRDQTRFDHVITNMNNNYEPRSGKFTCKVPGLYYFTYHASSRGNLCVNLMRGRERAQKVVT FCDYAYNTFQVTTGGMVLKLEQGENVFLQATDKNSLLGMEGANSIFSGLLLFPDMEA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79)
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 — C1QB

Entrez GeneID [713](#)

GeneBank Accession# [NM_000491.3](#)

Protein Accession# [NP_000482.3](#)

Gene Name C1QB

Gene Alias -

Gene Description complement component 1, q subcomponent, B chain

Omim ID [120570](#)

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. 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 B-chain polypeptide of human complement subcomponent C1q [provided by RefSeq]

Other Designations OTTHUMP00000002940|complement component 1, q subcomponent, beta polypeptide|complement component C1q, B chain|complement subcomponent C1q chain B

Pathway

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

Disease

- [Amyloid Neuropathies](#)
- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Tobacco Use Disorder](#)