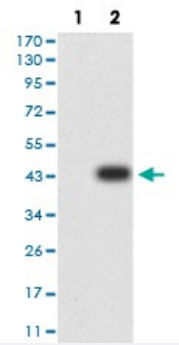
C1QC monoclonal antibody, clone 4H9D7

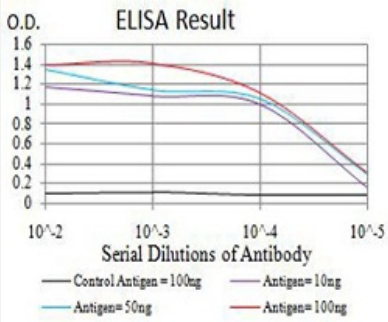
Catalog # MAB17521 Size 100 ug

Applications



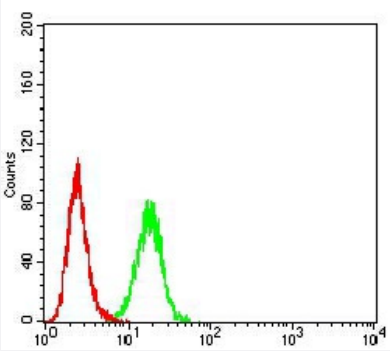
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) C1QC-hIgGFc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of C1QC monoclonal antibody, clone 4H9D7.



Flow Cytometry

Flow cytometric analysis of Hela cells with C1QC monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human C1QC.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Immunogen	Recombinant protein corresponding to amino acid 115-245 of human C1QC from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	25.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry (1:200-1:400) Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) C1QC-hIgGFc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of C1QC monoclonal antibody, clone 4H9D7.

- Flow Cytometry

  Flow cytometric analysis of Hela cells with C1QC monoclonal antibody (green) and negative control (red).

Gene Info — C1QC

Entrez GeneID	714
Gene Name	C1QC
Gene Alias	C1Q-C, C1QG, FLJ27103

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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|OTTHUMP00000037922|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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Lupus Nephritis
- Lymphoma
- Meningeal Neoplasms
- Meningioma

Copyright © 2023 Abnova Corporation. All Rights Reserved.