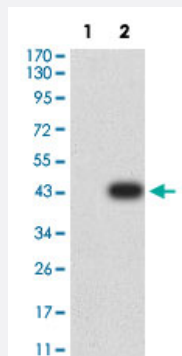


C1QC monoclonal antibody, clone 4H9D7

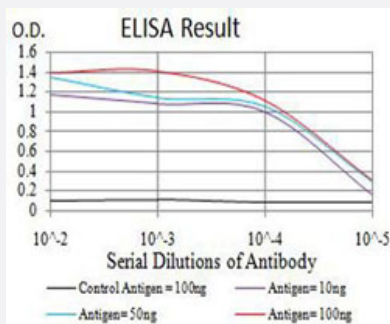
Catalog # MAB17916 Size 100 ug

Applications



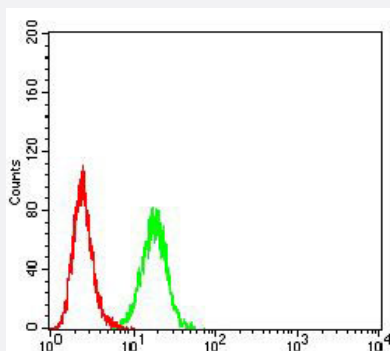
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: C1QC-hlgGfC transfected HEK293 cell lysates with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916).



Flow Cytometry

Flow cytometric analysis of HeLa cells with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916) (Green). Red: Negative Control.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant human C1QC.

Immunogen	Recombinant protein corresponding to amino acids 115-245 of human C1QC.
Host	Mouse
Theoretical MW (kDa)	25.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) 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 should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: C1QC-hlgGfc transfected HEK293 cell lysates with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916).

- Flow Cytometry

Flow cytometric analysis of HeLa cells with C1QC monoclonal antibody, clone 4H9D7 (Cat # MAB17916) (Green). Red: Negative Control.

Gene Info — C1QC

Entrez GeneID	714
Protein Accession#	P02747
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 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](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)