

## Product datasheet for **TA815700**

### C1QA Mouse Monoclonal Antibody [Clone ID: OTI2E7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E7
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of Human C1QA (NP_001334394) produced in Ecoli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Gene Name:	complement component 1, q subcomponent, A chain
Database Link:	<a href="#">NP_057075</a> <a href="#">Entrez Gene 712 Human</a> <a href="#">P02745</a>
Background:	This gene encodes the A-chain polypeptide of serum complement subcomponent C1q, which associates with C1r and C1s to yield the first component of the serum complement system. C1q deficiency is associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains which include 6 A-chains, 6 B-chains, and 6 C-chains. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]



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**Protein Families:** Secreted Protein

**Protein Pathways:** Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus

**Product images:**

