

## C1QA Conjugated Antibody

Catalog No: #C57138



Package Size: #C57138-AF350 100ul #C57138-AF405 100ul #C57138-AF488 100ul  
 #C57138-AF555 100ul #C57138-AF594 100ul #C57138-AF647 100ul  
 #C57138-AF680 100ul #C57138-AF750 100ul #C57138-Biotin 100ul

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## Description

Product Name	C1QA Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purification	Affinity-chromatography
Species Reactivity	Human Rat
Specificity	C1QA Antibody detects endogenous levels of total C1QA
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C1qa; Complement C1q subcomponent subunit A; Complement component 1 q subcomponent A chain; Complement component 1 q subcomponent alpha polypeptide
Accession No.	P02745
Uniprot	P02745
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	30kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Background

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C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

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Note: This product is for in vitro research use only