

For Research Use Only

CoraLite® Plus 488-conjugated C1QA Recombinant monoclonal antibody

Catalog Number: CL488-85719-4



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85719-4	NM_015991.4	Protein A purification
Size:	GenelD (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	712	250093H1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P02745	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	complement component 1, q subcomponent, A chain	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
EG2396	26kDa	
	Observed MW:	
	26-30 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: HepG2 cells,
Species Specificity:	
human, mouse	

Background Information

The first component of complement, C1, is a calcium-dependent complex of the 3 subcomponents C1q, C1r, and C1s. 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. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. This antibody is raised against C1qA which is the A-chain polypeptide of human complement subcomponent C1q.

Storage

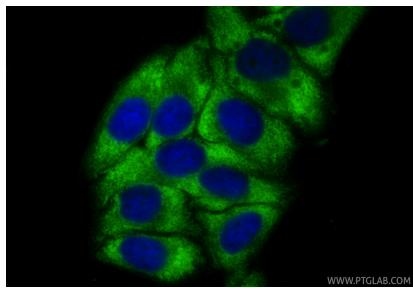
Storage: Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 C1QA antibody (CL488-85719-4, Clone: 250093H1) at dilution of 1:200.