

For Research Use Only

CoraLite® Plus 488-conjugated C1qC Monoclonal antibody



Catalog Number:CL488-66268

Basic Information

Catalog Number: CL488-66268	GenBank Accession Number: BC009016	Purification Method: Thiophilic affinity chromatograph
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 714	CloneNo.: 1C5B4
Source: Mouse	Full Name: complement component 1, q subcomponent, C chain	Recommended Dilutions: IF 1:50-1:500
Isotype: IgM	Calculated MW: 245 aa, 26 kDa	
Immunogen Catalog Number: AG10233	Observed MW: 26 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HUVEC cells,
Species Specificity: human	

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 C1qC which is the C-chain polypeptide of human complement subcomponent C1q.

Storage

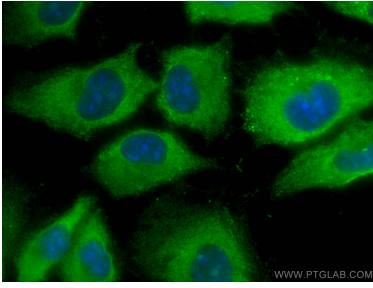
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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 Methanol) fixed HUVEC cells using CoraLite® Plus 488 C1qC antibody (CL488-66268, Clone: 1C5B4) at dilution of 1:200.