

For Research Use Only

CoraLite® Plus 488-conjugated C1QBP Recombinant antibody

Catalog Number:CL488-80490



Basic Information

Catalog Number:

CL488-80490

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19773

GenBank Accession Number:

BC013731

GeneID (NCBI):

708

UNIPROT ID:

Q07021

Full Name:

complement component 1, q
subcomponent binding protein

Calculated MW:

282 aa, 31 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

3K20

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

C1QBP, also named as gC1q receptor (gC1qR), p32, p33, and hyaluronan-binding protein 1 (HABP1), is a protein initially copurified with splicing factor SF2 (PMID: 1830244). The protein is synthesized as a pro-protein of 282 amino acids (aa) that is post-translationally processed by removal of the initial 73 aa to a mature protein of 209 aa (PMID: 8262387). C1QBP is an evolutionary conserved and ubiquitously expressed multifunctional protein and has been reported to be a predominantly mitochondrial matrix protein involved in inflammation and infection processes, mitochondrial ribosome biogenesis, regulation of apoptosis and nuclear transcription, and pre-mRNA splicing (PMID: 28942965).

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

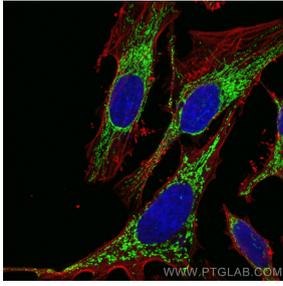
For technical support and original validation data for this product please contact:

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other manufacturer.**

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 C1QBP antibody (CL488-80490, Clone: 3K20) at dilution of 1:100, CoraLite®594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).