

For Research Use Only

CoraLite®594-conjugated Ceruloplasmin Monoclonal antibody



Catalog Number:CL594-66156

Basic Information

Catalog Number:

CL594-66156

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15535

GenBank Accession Number:

BC146663

GeneID (NCBI):

1356

UNIPROT ID:

P00450

Full Name:

ceruloplasmin (ferroxidase)

Calculated MW:

1065 aa, 122 kDa

Observed MW:

140 kDa

Purification Method:

Protein G purification

CloneNo.:

3C8A5

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF : HeLa cells,

Background Information

Ceruloplasmin (CP) is a serum glycoprotein synthesized by hepatocytes and functions as the major transport protein of copper in blood where it acts as ferroxidase and is required for iron transport of transferrin. The intact ceruloplasmin migrated around 130-140 kDa and some proteolytic cleaved fragments could also be observed.

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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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 HeLa cells using CoraLite®594
Ceruloplasmin antibody (CL594-66156, Clone:
3C8A5) at dilution of 1:200.