

CoraLite® Plus 488-conjugated Ceruloplasmin Monoclonal antibody

Catalog Number: **CL488-66156**

Basic Information

Catalog Number: CL488-66156	GenBank Accession Number: BC146663	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 1356	CloneNo.: 3C8A5
Source: Mouse	UNIPROT ID: P00450	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: ceruloplasmin (ferroxidase)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG15535	Calculated MW: 1065 aa, 122 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, rat	

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)
fixed HeLa cells using Coralite® Plus 488
Ceruloplasmin antibody (CL488-66156, Clone:
3C8A5) at dilution of 1:200.