For Research Use Only

CoraLite®594-conjugated Albumin Monoclonal antibody

Catalog Number:CL594-66051

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL594-66051

Concentration:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG9885

GenBank Accession Number:
BC034023

GeneID (NCBI):
213

UNIPROT ID:
P02768

Full Name:
albumin

Calculated MW:
609 aa, 69 kDa

Observed MW:
66 kDa

Purification Method:
Protein G purification

CloneNo.:
4A1C11

Recommended Dilutions:
IF-P: 1:50-1:500
IF/ICC: 1:50-1:500
FC (Intra): 0.40 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF/ICC, IF-P, FC (Intra)

Species Specificity:
human, mouse

Positive Controls:

IF-P : mouse liver tissue,

IF/ICC : HepG2 cells,

FC (Intra) : HepG2 cells,

Background Information

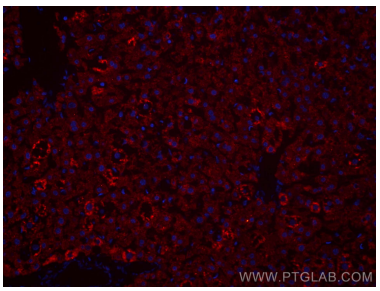
Albumin is the most abundant protein in blood plasma. Alterations of level of serum albumin are linked to variety of diseases. Albumin is expressed exclusively by well-differentiated hepatocytes, thus anti-albumin has been used to mark hepatocytes. (21388516, 23832071)

Storage

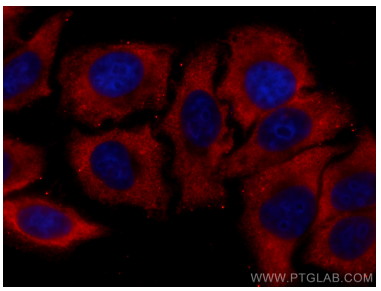
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

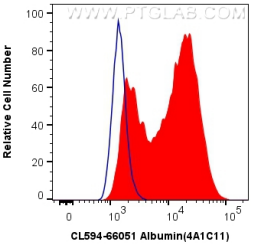
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CoraLite®594 Albumin antibody (CL594-66051, Clone: 4A1C11) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 Albumin antibody (CL594-66051, Clone: 4A1C11) at dilution of 1:200.



1X10^6 HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Albumin (CL594-66051, Clone:4A1C11) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).