

For Research Use Only

CoraLite®594-conjugated Alpha 1B-Glycoprotein Monoclonal antibody



Catalog Number: **CL594-66260**

Basic Information

Catalog Number: CL594-66260	GenBank Accession Number: BC035719	Purification Method: Protein G purification
Size: 100UL, Concentration: 1000 µg/ml by 1 Nanodrop;	GeneID (NCBI): Full Name: alpha-1-B glycoprotein	CloneNo.: 4D4E5
Source: Mouse	Calculated MW: 54 kDa	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Observed MW: 72 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG5414		

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

Background Information

Alpha-1B-glycoprotein (A1BG) is a plasma protein and is a member of the immunoglobulin superfamily. A1BG contains 474 amino acids and has 5 intrachain disulfide bonds. It has been reported that cysteine-rich secretory protein 3 (CRISP-3) is a specific and high-affinity ligand of A1BG. A1BG-CRISP-3 complex displays a similar function in protecting the circulation from a potentially harmful effect of free CRISP3 (PMID: 15461460).

Storage

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

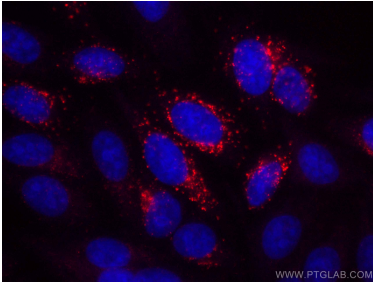
For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite@594 Alpha 1B-Glycoprotein antibody (CL594-66260, Clone: 4D4E5) at dilution of 1:100.