

For Research Use Only

CoraLite® Plus 488-conjugated Fetuin-A Monoclonal antibody



Catalog Number: CL488-66094

Basic Information

Catalog Number: CL488-66094	GenBank Accession Number: BC048198	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 197	CloneNo.: 1F6B9
Source: Mouse	UNIPROT ID: P02765	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: alpha-2-HS-glycoprotein	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10073	Calculated MW: 367 aa, 39 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications: FC (Intra), IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

Background Information

Fetuin-A (alpha-2-HS-glycoprotein, AHSG), a liver borne plasma protein, contributes to the prevention of soft tissue calcification, modulates inflammation, reduces INS sensitivity and fosters weight gain following high fat diet or ageing. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues.

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:

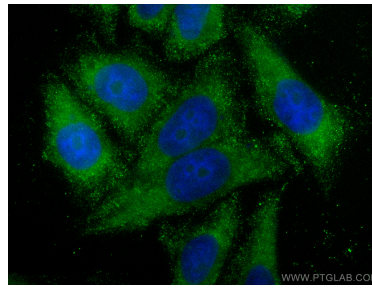
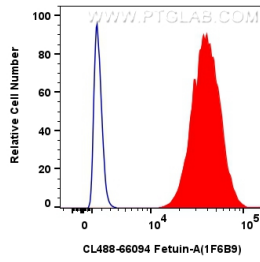
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



1×10^6 HepG2 cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human Fetuin-A (CL488-66094, Clone:1F6B9)(red), or 0.8 μ g CoraLite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 Fetuin-A antibody (CL488-66094, Clone: 1F6B9) at dilution of 1:200.