

For Research Use Only

CoraLite® Plus 647-conjugated Fetuin-A Monoclonal antibody



Catalog Number:CL647-66094

Basic Information

Catalog Number:

CL647-66094

Size:

1 mg/mL

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG10073

GenBank Accession Number:

BC048198

GeneID (NCBI):

197

UNIPROT ID:

P02765

Full Name:

alpha-2-HS-glycoprotein

Calculated MW:

367 aa, 39 kDa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

1F6B9

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

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:

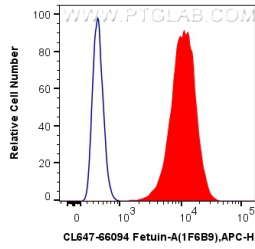
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human Fetuin-A (CL647-66094, Clone:1F6B9) (red), or 0.4 ug CoraLite® Plus 647 Mouse IgG2a Isotype Control (C1.18.4) (CL647-65208, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).