

For Research Use Only

# CoraLite®594-conjugated fetuin-B Monoclonal antibody

Catalog Number:CL594-67002



## Basic Information

Catalog Number:

CL594-67002

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG12463

GenBank Accession Number:

BC074734

GeneID (NCBI):

26998

UNIPROT ID:

Q9UGM5

Full Name:

fetuin B

Calculated MW:

382 aa, 42 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

2H7D11

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, pig

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

Fetuin A and B are both members of the cystatin superfamily. They are mainly expressed in the liver (hepatokines), as well as other tissues such as the kidneys, tongue, and placenta. Fetuin-B has been identified as a novel adipokine/hepatokine that significantly increases hepatic steatosis and mediates impaired insulin action and glucose intolerance. (PMID: 36915725, PMID: 35702137)

## 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:

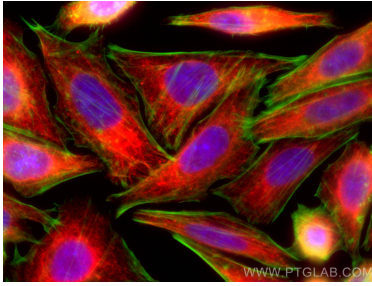
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 fetuin-B antibody (CL594-67002, Clone: 2H7D11 ) at dilution of 1:200, CL488-Phalloidin (green).