

For Research Use Only

CoraLite® Plus 488-conjugated IGF1B-Specific Polyclonal antibody

Catalog Number: CL488-20215

Featured Product



Basic Information

Catalog Number:

CL488-20215

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001111285

GeneID (NCBI):

3479

UNIPROT ID:

P05019

Full Name:

insulin-like growth factor 1 (somatomedin C)

Calculated MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

IGF1B, also named as IBP1, MGF, IGF-I and Somatomedin-C, belongs to the INS family. IGF1 is structurally and functionally related to INS but have a much higher growth-promoting activity. Altered expression or mutation of IGF-1 is associated with several human disorders, including type I diabetes and various forms of cancer. Defects in IGF1 are the cause of INS-like growth factor I deficiency (IGF1 deficiency) which is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation. The antibody is specific to isoform IGF-1B.

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:

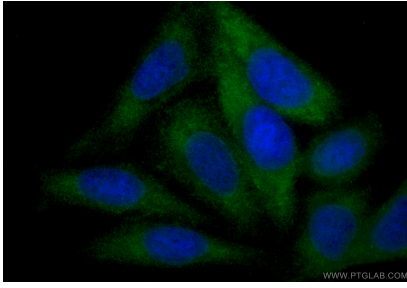
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 IGF1B-Specific antibody (CL488-20215) at dilution of 1:200.