

For Research Use Only

CoraLite® Plus 488-conjugated HNF1B Recombinant monoclonal antibody

Catalog Number: CL488-84684-5



Basic Information

Catalog Number:

CL488-84684-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3232

GenBank Accession Number:

BC017714

GeneID (NCBI):

6928

UNIPROT ID:

P35680

Full Name:

HNF1 homeobox B

Calculated MW:

557 aa, 61 kDa

Purification Method:

Protein A purification

CloneNo.:

242120H8

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

Hepatocyte nuclear factor-1-beta (HNF1B), or transcription factor-2 (TCF2), is a member of the homeodomain-containing superfamily of transcription factors. Early expression of HNF1B(12533-1-AP) is seen in the kidney, liver, pancreas, thymus, lung, gut and genital tract. HNF1B can be a homodimer or a heterodimer with HNF1A. It's a transcription factor, probably by binding to the inverted palindrome 5'-GTTAATNATTAAC-3', and as a bookmarking factor that marks target genes for rapid transcriptional reactivation after mitosis.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

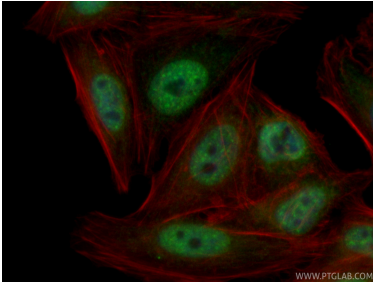
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HNF1B antibody (CL488-84684-5, Clone: 242120H8) at dilution of 1:200, CL594-phalloidin (red).