

For Research Use Only

CoraLite® Plus 488-conjugated HNF1B Recombinant monoclonal antibody

Catalog Number: CL488-84684-5



Basic Information

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| Catalog Number: CL488-84684-5 | GenBank Accession Number: BC017714 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 6928 | CloneNo.: 242120H8 |
| Source: Rabbit | UNIPROT ID: P35680 | Recommended Dilutions: IF/ICC: 1:50-1:500 |
| Isotype: IgG | Full Name: HNF1 homeobox B | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG3232 | Calculated MW: 557 aa, 61 kDa | |

Applications

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| Tested Applications: IF/ICC | Positive Controls: IF/ICC : HepG2 cells, |
| Species Specificity: human | |

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

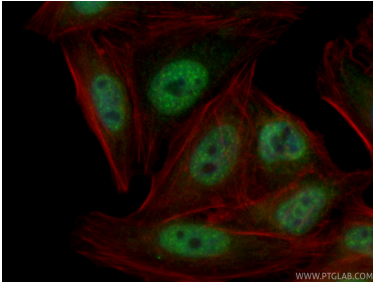
For technical support and original validation data for this product please contact:

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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).