

For Research Use Only

# CoraLite® Plus 488-conjugated HABP2 Monoclonal antibody

Catalog Number: CL488-67867



## Basic Information

Catalog Number:

CL488-67867

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG3981

GenBank Accession Number:

BC031412

GeneID (NCBI):

3026

UNIPROT ID:

Q14520

Full Name:

hyaluronan binding protein 2

Calculated MW:

560 aa, 63 kDa

Observed MW:

60,63 kDa

Purification Method:

Protein A purification

CloneNo.:

1A7C2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

HABP2 is also named as HGFAL, PHBP and belongs to the peptidase S1 family. It can activate coagulation factor VII and prourokinase and release the vasoactive peptide bradykinin by cleaving kininogen and is an important role in the regulation of the haemostasis system as well as fibroproliferative inflammatory processes (PMID:21655671). HABP2 is present as the 70 kDa inactive single chain precursor in human plasma and transforms to the active two chain form, 50 kDa heavy chain and 27 kDa light chain, and the 50 kDa heavy chain changes to two 26 kDa fragments, and 27 kDa light chain to 17 kDa and 8 kDa fragments, which are all bridged by disulfide linkages, by autocleavage (PMID:11217080).

## 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:

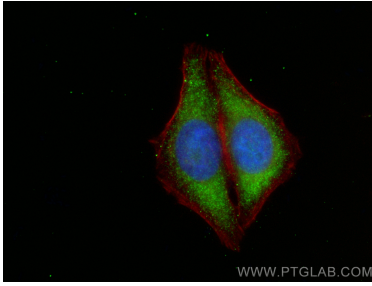
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

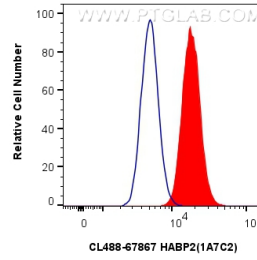
W: [ptgcn.com](http://ptgcn.com)

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 HABP2 antibody (CL488-67867, Clone: 1A7C2 ) at dilution of 1:200, CL594-Phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated HABP2 Monoclonal antibody (CL488-67867, Clone:1A7C2) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG2b Isotype Control (MPC-11) (CL488-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).