

For Research Use Only

# CoraLite® Plus 405-conjugated UHRF1 Recombinant monoclonal antibody



Catalog Number: CL405-84489-5

Featured Product

## Basic Information

**Catalog Number:**

CL405-84489-5

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG17498

**GenBank Accession Number:**

BC113875

**GeneID (NCBI):**

29128

**UNIPROT ID:**

Q96T88

**Full Name:**

ubiquitin-like with PHD and ring  
finger domains 1

**Calculated MW:**

806 aa, 91 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241872G4

**Recommended Dilutions:**

IF/ICC: 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

399 nm / 422 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human

**Positive Controls:**

IF/ICC : HepG2 cells,

## Background Information

UHRF1, also named as ICBP90, NP95 and RNF106, is a putative E3 ubiquitin-protein ligase. It may participate in methylation-dependent transcriptional regulation. UHRF1 binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. It is important for G1/S transition and may be involved in DNA repair and chromosomal stability. UHRF1's ability to repress its direct target gene expression is dependent on PHD(UHRF1) binding to unmodified H3R2. In addition, UHRF1 is a novel metabolic guardian restricting AMPK activity(PMID: 34907338).

## 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:

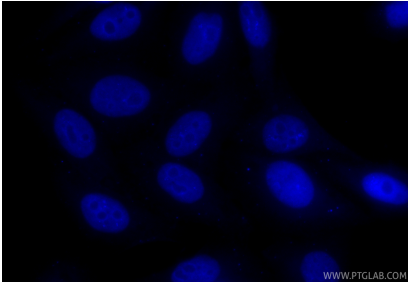
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 405 UHRF1 antibody (CL405-84489-5, Clone: 241872G4) at dilution of 1:200.