

For Research Use Only

# CoraLite® Plus 750-conjugated URAT1 Recombinant antibody

Catalog Number:CL750-82964



## Basic Information

Catalog Number:

CL750-82964

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27805

GenBank Accession Number:

BC053348

GeneID (NCBI):

116085

UNIPROT ID:

Q96S37

Full Name:

solute carrier family 22 (organic anion/urate transporter), member 12

Calculated MW:

60 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

230204B3

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima  
wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HEK-293 cells, HeLa cells, mouse liver tissue

## Background Information

Human urate anion exchanger (URAT1), also known as SLC22A12, is a urate transporter located in the proximal tubules of human kidney and responsible for urate reabsorption. Defects in gene encoding URAT1 cause hypouricemia renal type 1 (RHUC1). This antibody recognizes the glycosylated URAT1 at 70 kDa.

## 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:

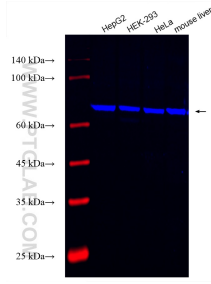
T: 4006900926

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

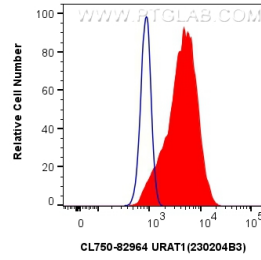
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-82964 (URAT1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 750-conjugated URAT1 Recombinant antibody (CL750-82964, Clone:230204B3)(red), or 0.4  $\mu$ g Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).