

For Research Use Only

CoraLite® Plus 750-conjugated URAT1 Recombinant antibody

Catalog Number:CL750-82964



Basic Information

Catalog Number: CL750-82964	GenBank Accession Number: BC053348	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 116085	CloneNo.: 23020483
Source: Rabbit	UNIPROT ID: Q96S37	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: solute carrier family 22 (organic anion/urate transporter), member 12	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG27805	Calculated MW: 60 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, FC (Intra)	Positive Controls: WB : HepG2 cells, HEK-293 cells, HeLa cells, mouse liver tissue
Species Specificity: human, mouse, rat	

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.

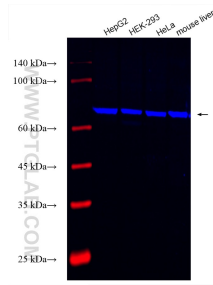
Storage

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

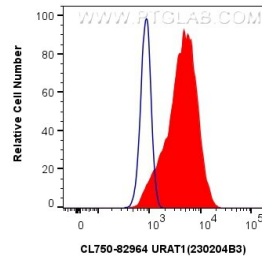
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 750-conjugated URAT1 Recombinant antibody (CL750-82964, Clone:230204B3)(red), or 0.4 ug Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).