

For Research Use Only

CoraLite®594-conjugated CDC5L Recombinant monoclonal antibody

Catalog Number:CL594-85788-5



Basic Information

Catalog Number: CL594-85788-5	GenBank Accession Number: BC001568	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 988	CloneNo.: 250089G5
Source: Rabbit	UNIPROT ID: Q99459	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: CDC5 cell division cycle 5-like (S. pombe)	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG3578	Calculated MW: 802 aa, 92 kDa	

Applications

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

Background Information

CDC5L is ubiquitously expressed in humans, with relatively high expression levels in testis, bone marrow, and 25 other tissues. In proliferating cells, CDC5L is constitutively expressed, suggesting its regulation may occur through post-translational modifications. CDC5L plays a critical role in the cell cycle, particularly in the G2/M transition. It interacts with cyclins and cyclin-dependent kinases (CDKs), helping to control the timing and accuracy of cell division.

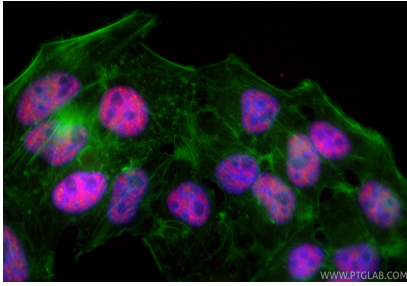
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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 (4% PFA) fixed HepG2 cells using CoraLite®594 CDC5L antibody (CL594-85788-5, Clone: 250089G5) at dilution of 1:200, CL488-Phalloidin (green).