

For Research Use Only

# CoraLite® Plus 488-conjugated CDC5L Recombinant monoclonal antibody

Catalog Number: CL488-85788-5



## Basic Information

<b>Catalog Number:</b> CL488-85788-5	<b>GenBank Accession Number:</b> BC001568	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 988	<b>CloneNo.:</b> 250089G5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99459	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> CDC5 cell division cycle 5-like (S. pombe)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG3578	<b>Calculated MW:</b> 802 aa, 92 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> 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)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 CDC5L antibody (CL488-85788-5, Clone: 250089G5 ) at dilution of 1:200, CL594-Phalloidin (red).