

For Research Use Only

# COIL Monoclonal antibody

Catalog Number: 67218-1-Ig



## Basic Information

<b>Catalog Number:</b> 67218-1-Ig	<b>GenBank Accession Number:</b> BC010385	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8161	<b>CloneNo.:</b> 2G12B8
<b>Source:</b> Mouse	<b>Full Name:</b> coilin	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 576 aa, 63 kDa	
<b>Immunogen Catalog Number:</b> AG17171	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> FC, IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells <b>IF :</b> HepG2 cells,

## Background Information

### Storage

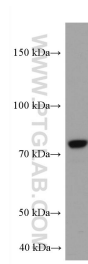
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

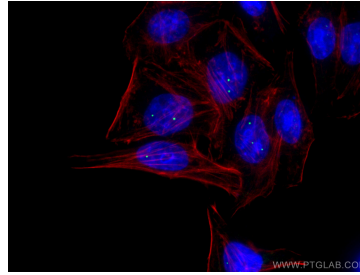
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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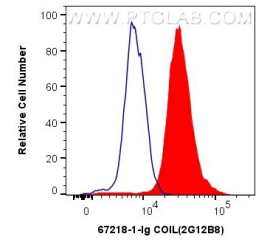
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 67218-1-Ig (COIL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using COIL antibody (67218-1-Ig, Clone: 2G12B8 ) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Anti-Human COIL (67218-1-Ig, Clone:2G12B8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).