

## Coilin Rabbit mAb

Catalog No: #49767

Package Size: #49767-1 50ul #49767-2 100ul

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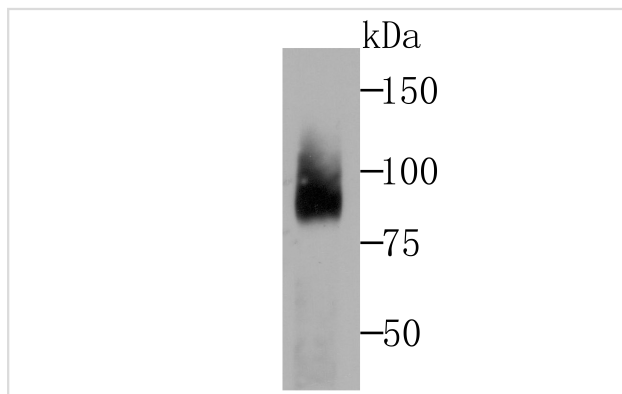
## Description

Product Name	Coilin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU44-08
Purification	ProA affinity purified
Applications	WB,FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	CLN 80 antibody CLN80 antibody COIL antibody COIL_HUMAN antibody Coilin antibody Coilin p80 antibody p80 antibody P80 coilin antibody
Accession No.	Swiss-Prot#:P38432
Uniprot	P38432
GeneID	8161;
Calculated MW	63 kDa (Predicted band size)
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

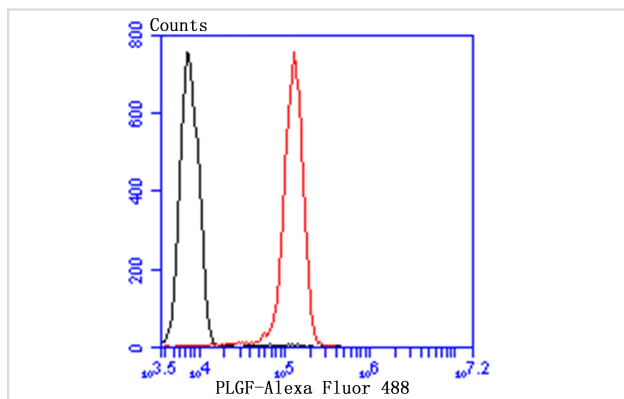
## Application Details

WB: 1:500-1:2,000 FC: 1:50-1:100

## Images



Western blot analysis of Coilin on rat kidney tissue lysates using anti-Coilin at 1/500 dilution.



Flow cytometric analysis of Jurkat cells with Coilin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

Coilin protein is one of the main molecular components of Cajal bodies (CBs). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. In addition to its structural role, coilin acts as glue to connect the CB to the nucleolus. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome and chromosome.

## References

Note: This product is for in vitro research use only