

Coilin Monoclonal Antibody (1H10)

Catalog NumberMA5-17260

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µL	Immunoprecipitation (IP)	2 µg
Host/Isotope	Mouse / IgG2b	Western Blot (WB)	0.5 µg/mL
Class	Monoclonal	Immunocytochemistry (ICC/IF)	5 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Clone	1H10		
Immunogen	Recombinant human protein purified from E.coli (His-Coilin)		
Conjugate	Unconjugated		
Form	liquid		
Concentration	1 mg/mL		
Storage Conditions	-20°C		

Product specific information

A suggested positive control for this product is HeLa cell lysate.

Background/Target Information

The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). 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. 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 4 and chromosome 14.

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