

**Anti-CIRP / CIRBP Antibody (clone 1C9)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17886**

**Specification**

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**Anti-CIRP / CIRBP Antibody (clone 1C9) - Product Information**

Application	WB, IHC-P, IF, E
Primary Accession	<a href="#">Q14011</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	18648

**Anti-CIRP / CIRBP Antibody (clone 1C9) - Additional Information**

**Gene ID** 1153

**Alias Symbol** CIRBP  
**Other Names**  
CIRBP, A18 hnRNP, A18HNRNP, CIRP

**Target/Specificity**  
Human CIRP / CIRBP

**Reconstitution & Storage**  
Protein A purified

**Precautions**  
Anti-CIRP / CIRBP Antibody (clone 1C9) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CIRP / CIRBP Antibody (clone 1C9) - Protein Information**

**Name** CIRBP

**Synonyms** A18HNRNP, CIRP

**Function**  
Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.

**Cellular Location**  
Nucleus, nucleoplasm. Cytoplasm Note=Translocates from the nucleus to the cytoplasm after

exposure to UV radiation. Translocates from the nucleus to the cytoplasm into stress granules upon various cytoplasmic stresses, such as osmotic and heat shocks. Its recruitment into stress granules occurs in the absence of TIAR proteins (By similarity).

**Tissue Location**

Ubiquitous.

**Anti-CIRP / CIRBP Antibody (clone 1C9) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CIRP / CIRBP Antibody (clone 1C9) - Images**