

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

Specification

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

Application	WB, IHC-P, IF, E
Primary Accession	Q14011
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