

Anti-CIRP / CIRBP Antibody (clone 1C9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17886

Product Information

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|------------------------------|------------------------|
| Application | WB, IHC-P, IF, E |
| Primary Accession | Q14011 |
| Predicted | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2a,k |
| Clone Names | 1C9 |
| Calculated MW | 18648 |
| Concentration (mg/ml) | 1 mg/ml |

Additional Information

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|-------------------------------------|--|
| 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. |

Protein Information

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|--------------------------|--|
| 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.