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Anti-CIRP / CIRBP Antibody (clone 1C9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17886

Product Information

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

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

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'.