

## CIRBP monoclonal antibody

Catalog: MB22285

Host: Mouse

Reactivity: Human

### BackGround:

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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

18.6kDa

### Swiss-Prot:

Q14011

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

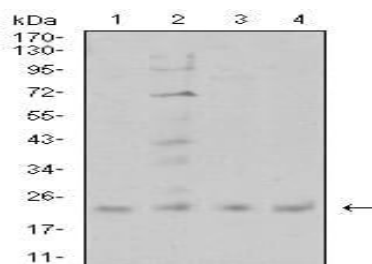
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

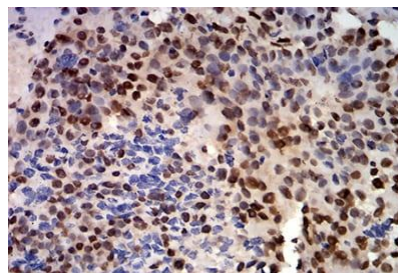
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CIRBP mouse mAb against SW480 (1), PC-3 (2), A431 (3), and U251 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CIRBP mouse mAb with DAB staining.

### Note:

For research use only, not for use in diagnostic procedure.

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