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Anti-CIRBP Rabbit mAb [74B07]

Catalog No.: A52078

Basic Information

Catalog No. (Cat.No.)	A52078
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IP,IF,ELISA
Synonyms	CIRBP,p32,cold-shock domain protein CIRP,RNA-binding protein p32

Product Information

Target	CIRBP
Molecular Weight(Calculated)	19 kDa
Molecular Weight(Observed)	19 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	74B07
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Cold-inducible RNA-binding protein
Gene Name	*CIRBP*
Domain	NA
Background	CIRBP (Cold-inducible RNA-binding protein) is an RNA-binding protein mediating post-transcriptional RNA regulation and cellular stress response. CIRBP expression is induced upon cold exposure, hypoxia and oxidative stress. Localized in nucleus and cytoplasm, CIRBP binds target mRNAs to modulate mRNA stability and translation efficiency and facilitate cellular stress adaptation. Under homeostatic conditions, it participates in cell proliferation and cell-cycle control. Upon stress, CIRBP can be secreted extracellularly as damage-associated molecular pattern to shape inflammatory responses.