

## ARG55091 anti-MCM-BP antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MCM-BP
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Bov
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MCM-BP
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 143-171 (N-terminus) of Human MCM-BP.
Conjugation	Un-conjugated
Alternate Names	C10orf119; MCM-binding protein; Mini-chromosome maintenance complex-binding protein; MCM-BP

### Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MDA-MB-231	

### Properties

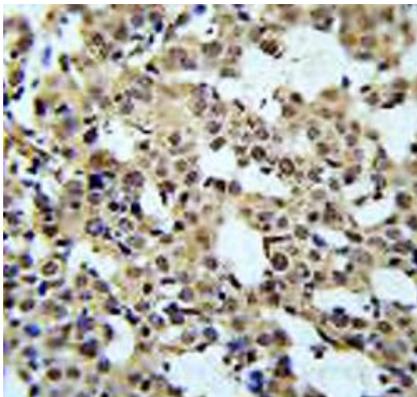
Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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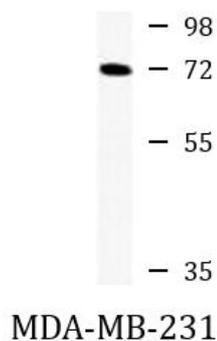
Database links	<a href="#">GeneID: 79892 Human</a> <a href="#">Swiss-port # Q9BTE3 Human</a>
Gene Symbol	MCMBP
Gene Full Name	minichromosome maintenance complex binding protein
Background	This gene encodes a protein which is a component of the hexameric minichromosome maintenance (MCM) complex which regulates initiation and elongation of DNA. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Function	Associated component of the MCM complex that acts as a regulator of DNA replication. Binds to the MCM complex during late S phase and promotes the disassembly of the MCM complex from chromatin, thereby acting as a key regulator of pre-replication complex (pre-RC) unloading from replicated DNA. Can dissociate the MCM complex without addition of ATP; probably acts by destabilizing interactions of each individual subunits of the MCM complex. Required for sister chromatid cohesion. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	73 kDa
Cellular Localization	Nucleus. Note=Associates with chromatin. Highly associated with chromatin in G1/S and S phases, reduced binding to chromatin in G2, and further decreased binding in early M phase. It then reassociates with chromatin in late M phase. Dissociates from chromatin later than component of the MCM complex

## Images



ARG55091 anti-MCM-BP antibody IHC-P image

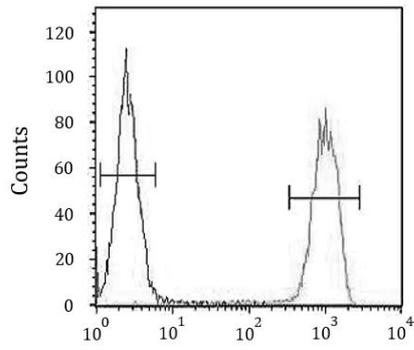
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human cervix carcinoma tissue stained with ARG55091 anti-MCM-BP antibody.



ARG55091 anti-MCM-BP antibody WB image

Western blot: 35 µg of MDA-MB-231 cell lysate stained with ARG55091 anti-MCM-BP antibody.

### ARG55091 anti-MCM-BP antibody FACS image



Flow Cytometry: MDA-MB231 cells stained with ARG55091 anti-MCM-BP antibody (right histogram) or without primary antibody control (left histogram), followed by incubation with FITC labelled secondary antibody.