

## BM28 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0221
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human BM28 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Mouse,Rat,Monkey
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, FCM, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	DNA replication licensing factor MCM2
<b>Synonyms</b>	MCM2; BM28; CCNL1; CDCL1; KIAA0030; DNA replication licensing factor MCM2; Minichromosome maintenance protein 2 homolog; Nuclear protein BM28

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre\_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.

### Recommended Dilution

ELISA: 1:10000

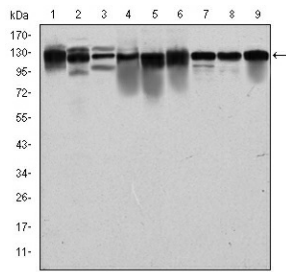
FC: 1:200 - 1:400

IHC: 1:200 - 1:1000

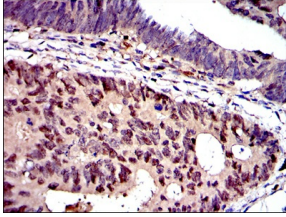
WB: 1:500 - 1:2000

Not yet tested in other applications.

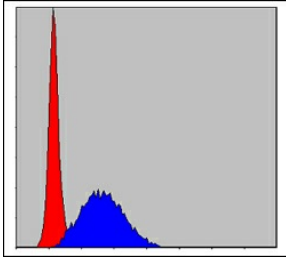
### Images



Western Blot analysis using BM28 Monoclonal antibody against PC-12 (1) Cos7 (2) NIH/3T3 (3) HepG2 (4) HEK293 (5) K562 (6) Jurkat (7) HeLa (8) and MCF-7 (9) cell lysate.



Immunohistochemistry analysis of paraffin-embedded colon cancer tissues with DAB staining using BM28 Monoclonal antibody.



Flow cytometric analysis of HeLa cells using BM28 Monoclonal antibody (blue) and negative control (red).

### Storage

-20°C for one year

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