

MCM2 (ABT-MCM2) Mouse mAb

CatalogNo: YM4932 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human,Mouse

Applications

- IHC,WB,IF,ELISA

MW

- 120kD (Calculated)
- 130kD (Observed)

Isotype

- IgG1,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:100-500

WB 1:500-2000

IF 1:100-500

ELISA 1:1000-5000

Basic Information

Clonality Monoclonal

Clone Number ABT-MCM2

Immunogen Information

Immunogen Synthesized peptide derived from human MCM2 AA range: 300-400

Specificity The antibody can specifically recognize human MCM2 protein. In western blotting of HEK293 cell lysate, the antibody can label a 130 kDa band.

Target Information

Gene name MCM2 BM28 CCNL1 CDCL1 KIAA0030

Protein Name DNA replication licensing factor MCM2 (Minichromosome maintenance protein 2 homolog) (Nuclear protein BM28)

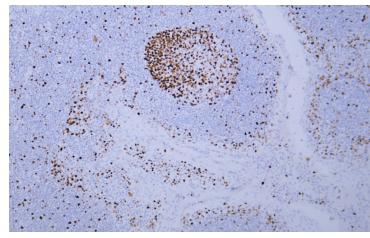
Organism	Gene ID	UniProt ID
Human	4171 ;	P49736 ;
Mouse	17216 ;	P97310 ;

Cellular Localization Nuclear

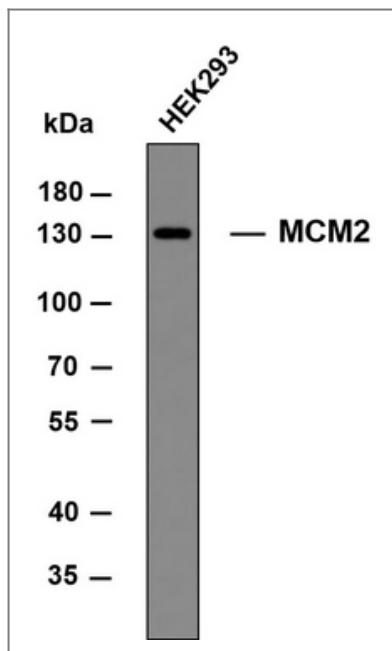
Tissue specificity Bone marrow, Brain, Cervix carcinoma, Colon carcinoma, Epithelia

Function Function: Acts as a factor that allows the DNA to undergo a single round of replication per cell cycle. Required for the entry in S phase and for cell division., PTM: Phosphorylated on Ser-108 by ATR in proliferating cells. Ser-108 proliferation is increased by genotoxic agents. Ser-40 is mediated by the CDC7-DBF4 and CDC7-DBF4B complexes, while Ser-53 phosphorylation is only mediated by the CDC7-DBF4 complex., sequence Caution: Translation N-terminally shortened., similarity: Belongs to the MCM family., similarity: Contains 1 MCM domain., subunit: Interacts with DBF4 (By similarity). Interacts with MYST2. May interact with MCM10.,

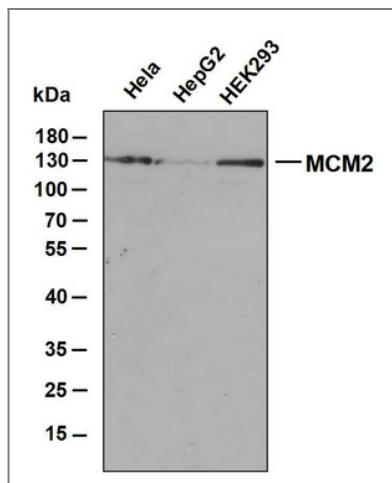
Validation Data



Human tonsil tissue was stained with Anti-MCM2 (ABT-MCM2) Antibody



Whole cell lysates of HEK293 were separated by 8% SDS-PAGE, and the membrane was blotted with anti-MCM2 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.



Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-MCM2 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
MCM2 (ABT-MCM2) Mouse mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein Reagents](#)