

MCM2 (ABT-MCM2) Mouse mAb

CatalogNo: YM4932

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse,

Applications

- IHC, WB, IF, ELISA

MW

- 120kD (Calculated)
130kD (Observed)

Isotype

- IgG1, Kappa

Recommended Dilution Ratios

IHC 1:100-500

WB 1:500-2000

IF 1:100-500

ELISA 1:1000-5000

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

Basic Information

Clonality Monoclonal

Clone Number ABT-MCM2

Immunogen Information

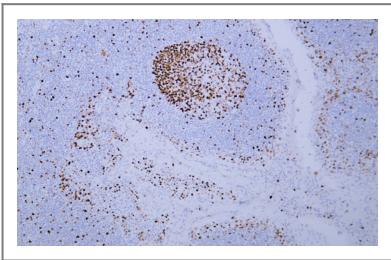
Immunogen Synthesized peptide derived from human MCM2 AA range: 300-400

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

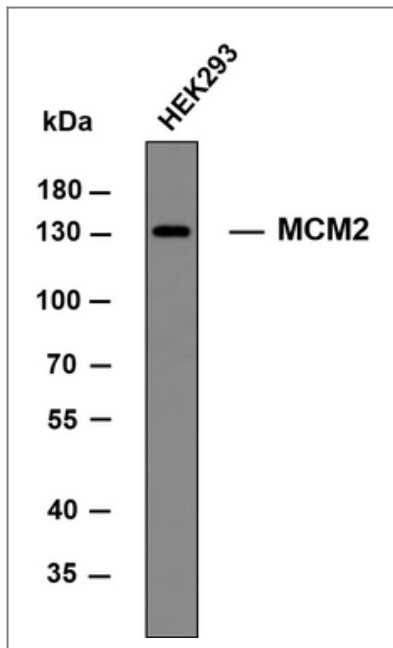
| Target Information

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,Epitheli		
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.,		

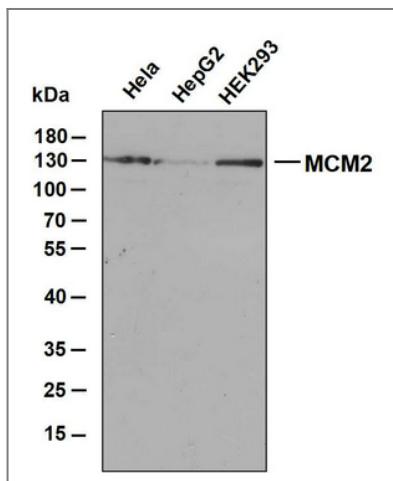
| Validation Data



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

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