

For Research Use Only

# MCM2 Monoclonal antibody

Catalog Number: 66204-1-Ig

Featured Product



## Basic Information

Catalog Number:

66204-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0798

GenBank Accession Number:

BC007670

GeneID (NCBI):

4171

UNIPROT ID:

P49736

Full Name:

minichromosome maintenance  
complex component 2

Calculated MW:

102 kDa

Observed MW:

120-125 kDa

Purification Method:

Protein G purification

CloneNo.:

1F4D10

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

**WB** : HeLa cells, K-562 cells, HEK-293 cells, A431 cells,  
4T1 cells, A549 cells, Jurkat cells, HSC-T6 cells,  
NIH/3T3 cells

**IHC** : Human tonsillitis tissue, human prostate cancer  
tissue

**IF/ICC** : MCF-7 cells,

## Background Information

### Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

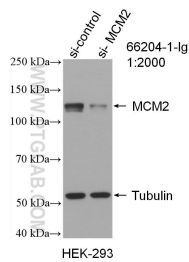
T: 4006900926

E: Proteintech-CN@ptglab.com

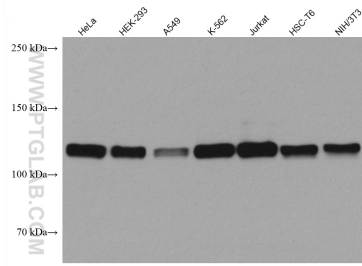
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

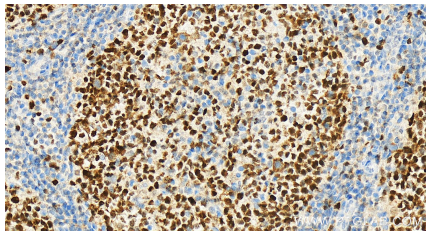
Selected Validation Data



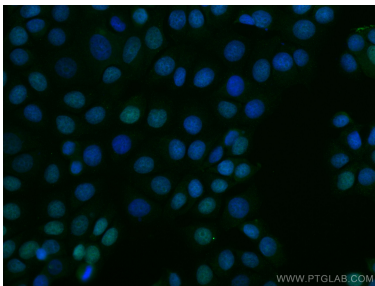
WB result of MCM2 antibody (66204-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MCM2 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66204-1-Ig (MCM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded Human tonsillitis tissue slide using 66204-1-Ig (MCM2 antibody) at dilution of 1:2000 (under 20x lens).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using MCM2 antibody (66204-1-Ig, Clone: 1F4D10 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).