

For Research Use Only

MCM2 Monoclonal antibody

Catalog Number: 66204-1-Ig **Featured Product**



Basic Information

Catalog Number:

66204-1-Ig

Size:

800 µg/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 1:50-1:500

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, IHC, WB, 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 prostate cancer tissue,

IF: 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:

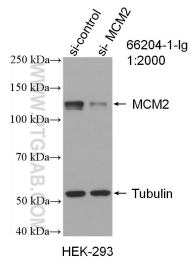
T: 4006900926

E: Proteintech-CN@ptglab.com

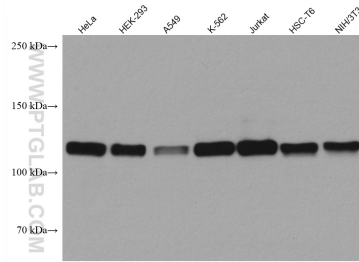
W: ptgcn.com

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

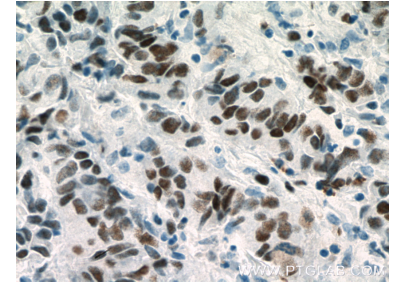
Selected Validation Data



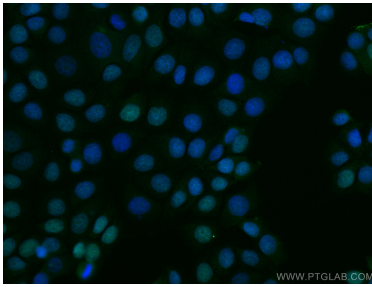
WB result of MCM2 antibody (66204-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MCM2 transfected HEK-293 cells.



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 prostate cancer tissue slide using 66204-1-Ig (MCM2 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).