

For Research Use Only

# MCM5 Polyclonal antibody, PBS Only

Catalog Number:11703-1-PBS



## Basic Information

Catalog Number:

11703-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2271

GenBank Accession Number:

BC000142

GeneID (NCBI):

4174

UNIPROT ID:

P33992

Full Name:

minichromosome maintenance  
complex component 5

Calculated MW:

82 kDa

Observed MW:

82-88 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Minichromosome maintenance, *S. Cerevisiae*, homolog of 5(MCM5), one component of the complex of MCM2-7, which is the putative replicative essential for once per cell cycle DNA replication initiation and elongation in eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighboring subunits.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

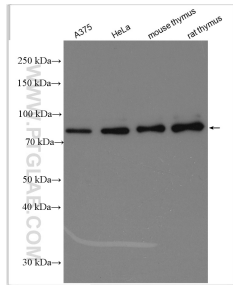
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

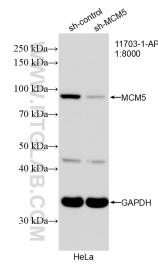
W: [ptgcn.com](http://ptgcn.com)

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

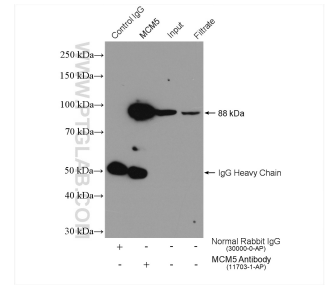
## Selected Validation Data



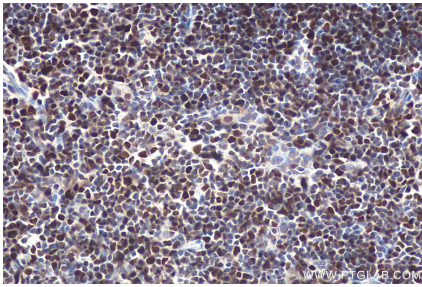
Various lysates were subjected to SDS PAGE followed by western blot with 11703-1-AP (MCM5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.



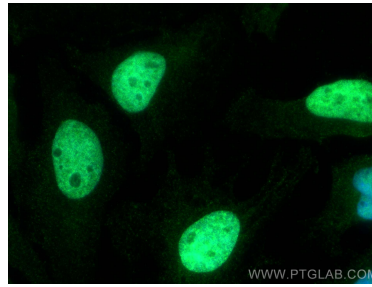
WB result of MCM5 antibody (11703-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MCM5 transfected HeLa cells. This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.



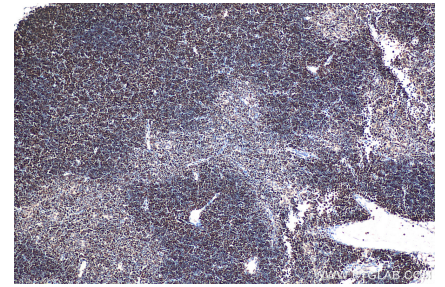
IP result of anti-MCM5 (IP:11703-1-AP, 4ug; Detection:11703-1-AP 1:4000) with Jurkat cells lysate 2400 ug. This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 11703-1-AP (MCM5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MCM5 antibody (11703-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 11703-1-AP (MCM5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11703-1-PBS in a different storage buffer formulation.