

MCM7 (PT1310R) PT™ Rabbit mAb

CatalogNo: YM9152 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 81kD (Calculated)
- 81kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:100-1:200

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

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** PT1310R

Immunogen Information

Specificity Endogenous

| Target Information

Gene name MCM7

Protein Name DNA replication licensing factor MCM7

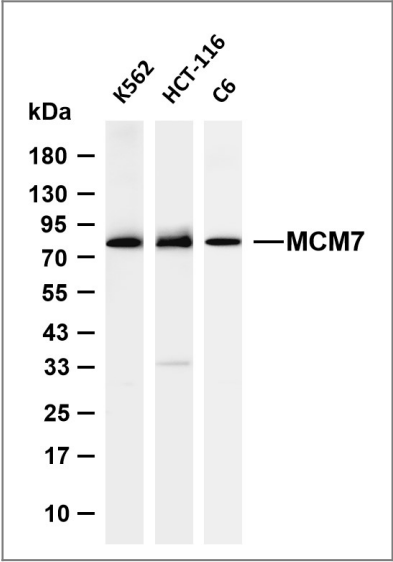
Organism	Gene ID	UniProt ID
Human	4176 ;	P33993 ;
Mouse	17220 ;	Q61881 ;

Cellular Localization Nucleus . Chromosome . Associated with chromatin before the formation of nuclei and detaches from it as DNA replication progresses. .

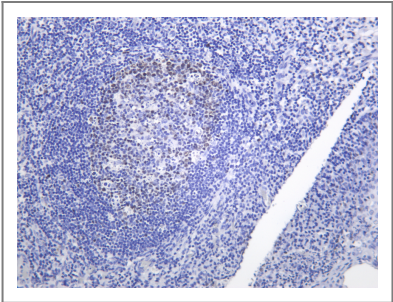
Tissue specificity Brain,Cervix,Chronic myeloid leukemia cell,Lung,

Function Function:Acts as a factor that allows the DNA to undergo a single round of replication per cell cycle. Required for DNA replication and cell proliferation. Required for S-phase checkpoint activation upon UV-induced damage.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the MCM family.,similarity:Contains 1 MCM domain.,subunit:Interacts with the ATR-ATRIP complex and with RAD17. Interacts with TIPIN.,

| Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MCM7 (PT1310R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: K562 Lane 2: HCT-116 Lane 3: C6 Predicted band size: 81kDa Observed band size: 81kDa



Human tonsil was stained with anti-MCM7 (PT1310R) Rabbit 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



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