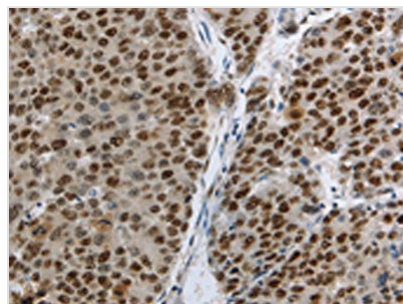




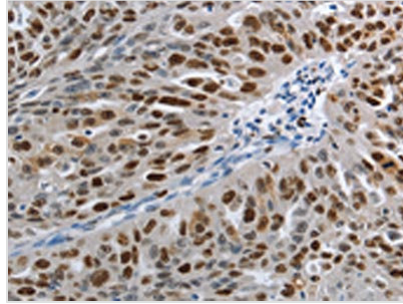
MCM3 Antibody

| | |
|----------------------------|--|
| Product Code | CSB-PA969629 |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P25205 |
| Immunogen | Fusion protein of Human MCM3 |
| Raised In | Rabbit |
| Species Reactivity | Human,Mouse |
| Tested Applications | ELISA,WB,IHC;ELISA:1:1000-1:5000,WB:1:500-1:2000,IHC:1:50-1:200 |
| Relevance | The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein is a subunit of the protein complex that consists of MCM2-7. It has been shown to interact directly with MCM5/CDC46. This protein also interacts with and is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene. |
| Form | Liquid |
| Conjugate | Non-conjugated |
| Storage Buffer | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification Method | Antigen affinity purification |
| Isotype | IgG |
| Alias | minichromosome maintenance complex component 3 |
| Species | Homo sapiens (Human) |
| Target Names | MCM3 |

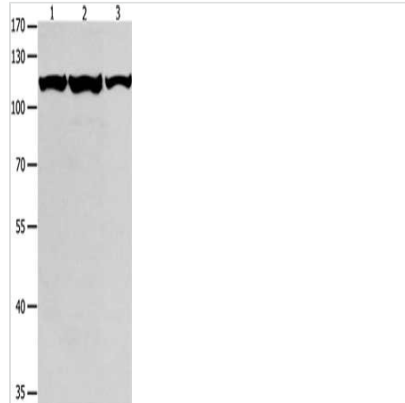
Image



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using CSB-PA969629(MCM3 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CSB-PA969629(MCM3 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane 1-3: K562 cells, Jurkat cells, hela cells, Primary antibody: CSB-PA969629(MCM3 Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute