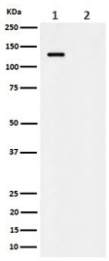
# Phospho-MCM2 Antibody pS41 [clone 28M71] (RQ8512)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8512 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | 28M71 |
| **Purity** | Affinity chromatography |
| **UniProt** | P49736 |
| **Applications** | Western blot: 1:500-1:2000 |
| **Limitations** | This phospho-MCM2 antibody is available for research use only. |




Western blot testing of lysate from 1) human HeLa cells and 2) human HeLa cells treated with alkaline phosphatase, using phospho-MCM2 antibody.

## Description

Acts as a component of the MCM2-7 complex (MCM complex) which is the replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. Core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built. [UniProt]

## Application Notes

Optimal dilution of the phospho-MCM2 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide from the sequence surrounding phosphorylated serine 41 of human MCM2 protein was used as the immunogen for the phospho-MCM2 antibody.

## Storage

Store the phospho-MCM2 antibody at -20oC.


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