# MCM5 Polyclonal Antibody

**catalog number:** **E-AB-64688**

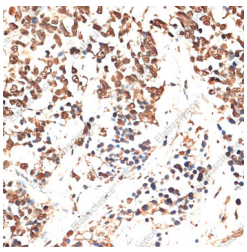
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

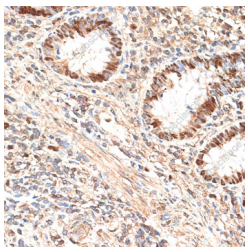
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|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant fusion protein of human MCM5 (NP_006730.2) |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:50-1:200 |
| **IF** | 1:50-1:200 |

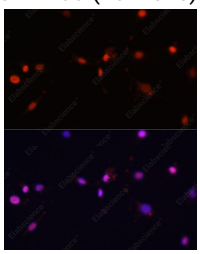
## Data



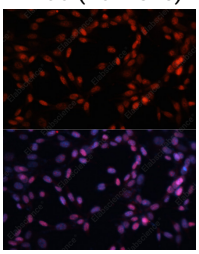
Immunohistochemistry of paraffin-embedded Human lung cancer using MCM5 Polyclonal Antibody at dilution of 1:100 (40x lens).



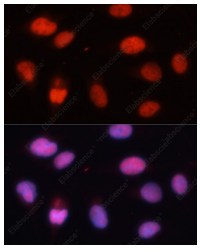
Immunohistochemistry of paraffin-embedded Human appendix using MCM5 Polyclonal Antibody at dilution of 1:100 (40x lens).



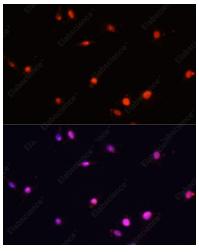
Immunofluorescence analysis of C6 cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



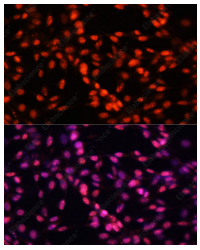
Immunofluorescence analysis of NIH-3T3 cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



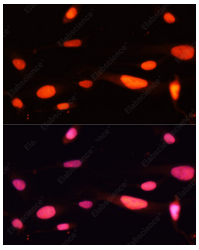
Immunofluorescence analysis of U-2 OS cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using MCM5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

The protein encoded by this gene is structurally very similar to the CDC46 protein from S. cerevisiae, a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation.


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