

MCM5 polyclonal antibody

Catalog: BS75356

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 up-regulated in the transition from the G₀ to G₁/S phase of the cell cycle and may actively participate in cell cycle regulation.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

100kDa

Swiss-Prot:

P33992

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

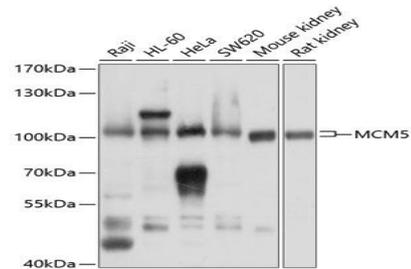
WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200 | IP, 1:50 - 1:200

Storage&Stability:

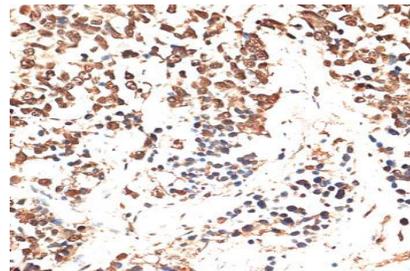
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

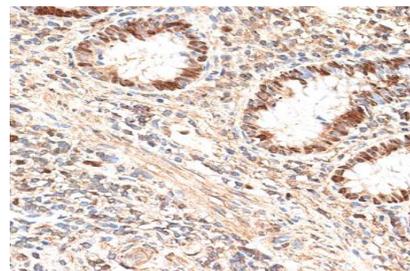
Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using MCM5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human lung cancer using MCM5 antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human appendix using MCM5 antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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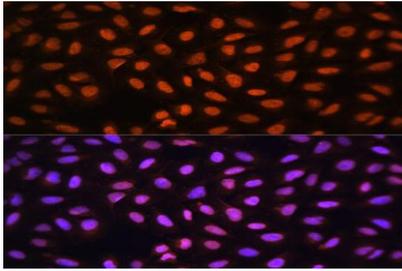
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**Note:**

For research use only, not for use in diagnostic procedure.

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

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