

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MCM2 RABBIT PAB

Cat.#: S216640

Product Name: Anti-MCM2 Rabbit Polyclonal Antibody Synonyms: BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN UNIPROT ID: P49736 (Gene Accession - BC007670)

Background: 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 forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated,

and thus regulated by, protein kinases CDC2 and CDC7.

Immunogen: Fusion protein of human MCM2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification Species Reactivity: Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

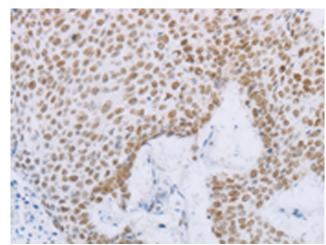
Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

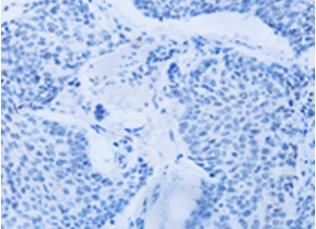


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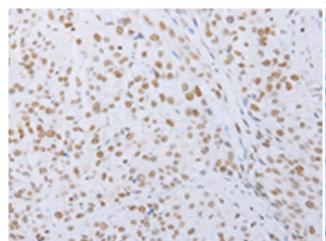
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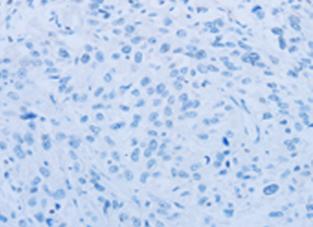
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 216640(MCM2 Antibody) at a dilution of 1/50(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 216640(Anti-MCM2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 216640 (Anti-MCM2 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D220962(Anti-MCM2 Antibody) at dilution 1/50.