

## MCM7 RABBIT PAB

**Cat.#:** S216641

**Product Name:** Anti-MCM7 Rabbit Polyclonal Antibody

**Synonyms:** MCM2; CDC47; P85MCM; PICDC47; PNAS146; P1.1-MCM3

**UNIPROT ID:** P33993 (Gene Accession - BC009398 )

**Background:** The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the 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. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme.

**Immunogen:** Fusion protein of human MCM7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

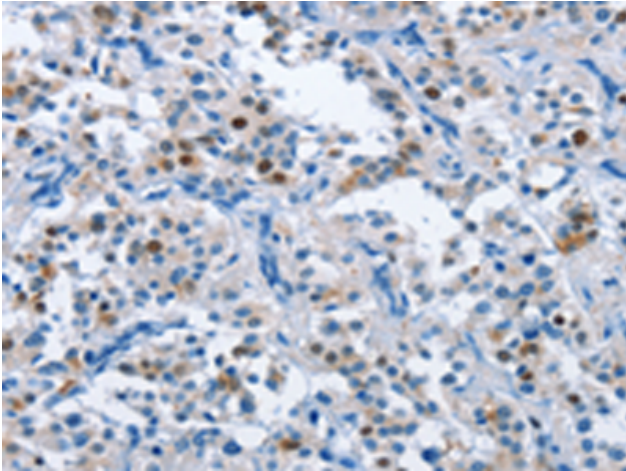
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

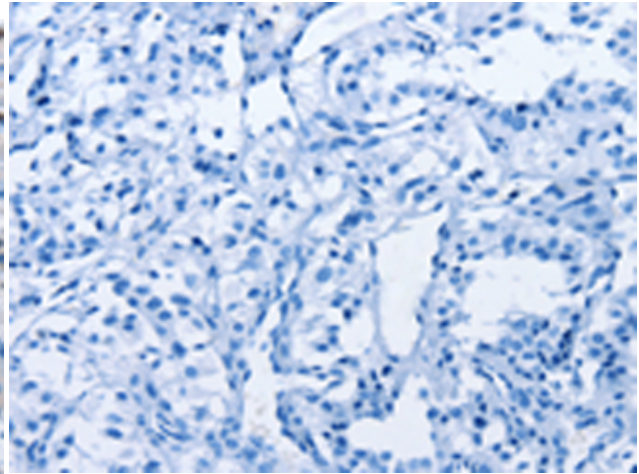
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

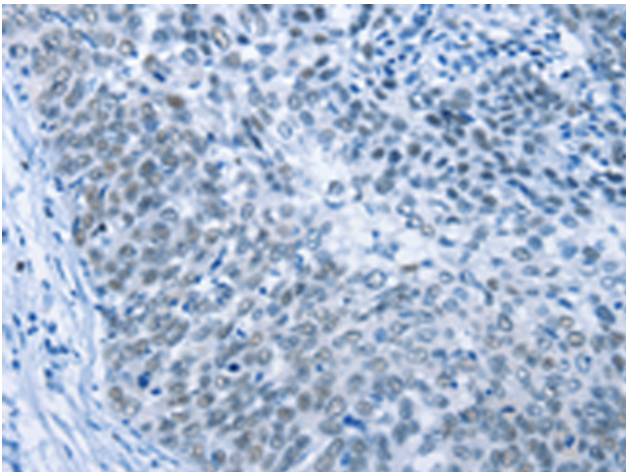
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



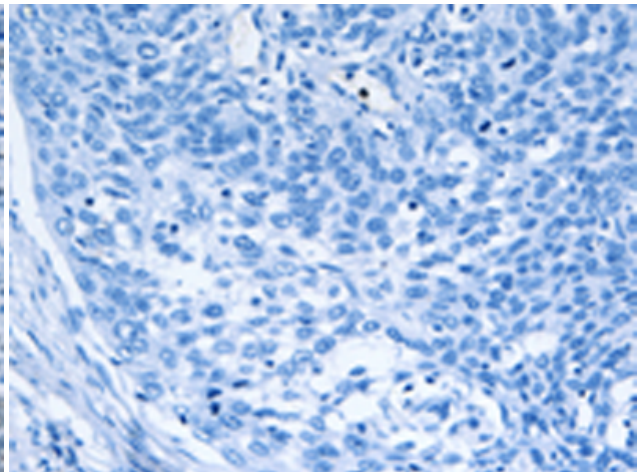
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216641(MCM7 Antibody) at a dilution of 1/40(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216641(Anti-MCM7 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 216641(Anti-MCM7 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D220963(Anti-MCM7 Antibody) at dilution 1/40.