

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **EMC10 RABBIT PAB**

Cat.#: S221647

Product Name: Anti-EMC10 Rabbit Polyclonal Antibody

Synonyms: HSMl; HSSl; Cl9orf63

UNIPROT ID: Q5UCC4 (Gene Accession - NP\_996261)

**Background:** EMC10, also known as C19orf63, C19orf63 is a 262 amino acid protein that exists as two alternatively isoforms and are encoded by a gene located on human chromosome 19. Chromosome 19 consists of approximately 63 million bases and makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcà receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulindependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the protoncogene BCL3.

Immunogen: Synthetic peptide of human EMC10

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 30-150;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

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

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

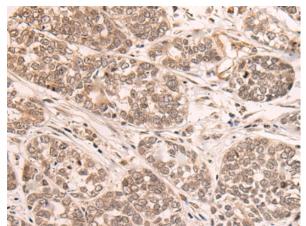
Research Areas: Cell Biology

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

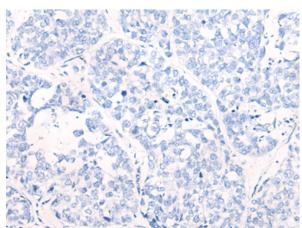


## **Product Description**

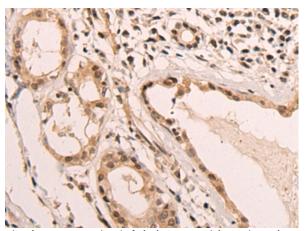
Pioneering GTPase and Oncogene Product Development since 2010



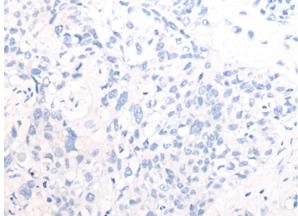
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221647(EMC10 Antibody) at a dilution of 1/45 (Cytoplasm and Nucleus).



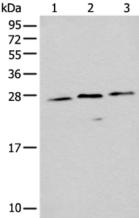
In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221647(Anti-EMC10 Antibody) at dilution 1/45.



paraffin-embedded Human lung cancer tissue using 221647(Anti-EMC10 Antibody) at a dilution of 1/45.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D263336(Anti-EMC10 Antibody) at dilution 1/45.



Gel: 12%SDS-PAGE, Lysate: 40 µg; Lane 1-3: Jurkat, PC-3 and A549 cell lysates; Primary antibody: 221647(EMC10 Antibody) at dilution 1/400; Secondary antibody: Goat anti rabbit IgG at

Exposure time: 40 seconds

1/8000 dilution;



## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010