

## MARK2 RABBIT PAB

**Cat.#:** S213838

**Product Name:** Anti-MARK2 Rabbit Polyclonal Antibody

**Synonyms:** EMK1; EMK-1; PAR-1; Par1b; Par-1b

**UNIPROT ID:** Q7KZ17 (Gene Accession - NP\_001034558 )

**Background:** This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Synthetic peptide of human MARK2

**Applications:** ELISA, IHC

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

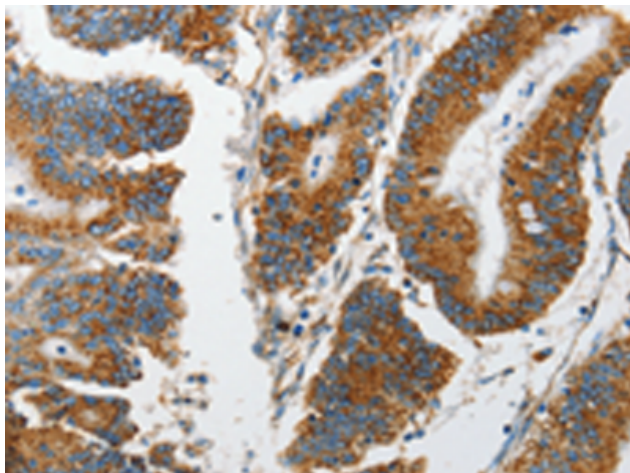
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

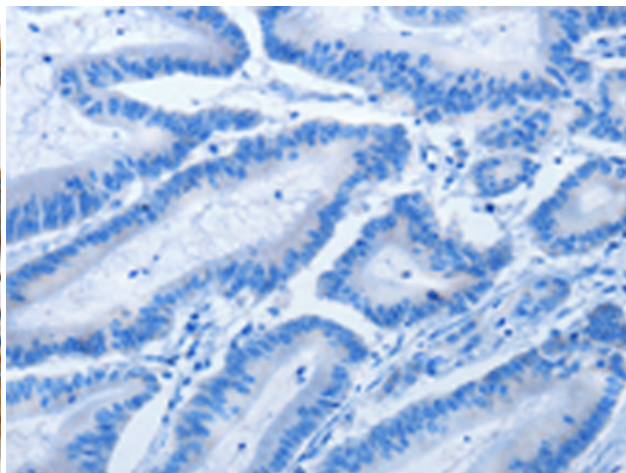
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

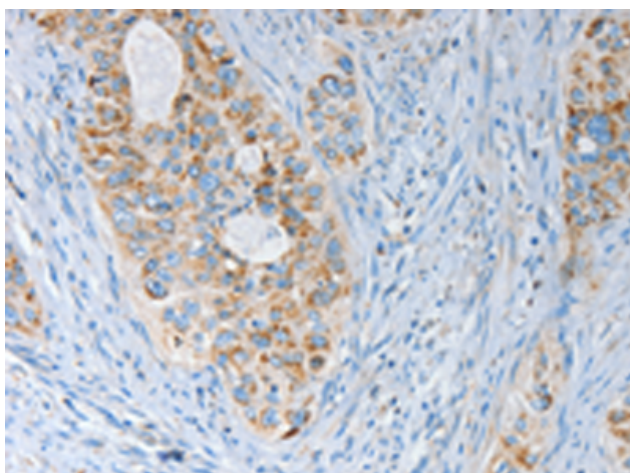
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



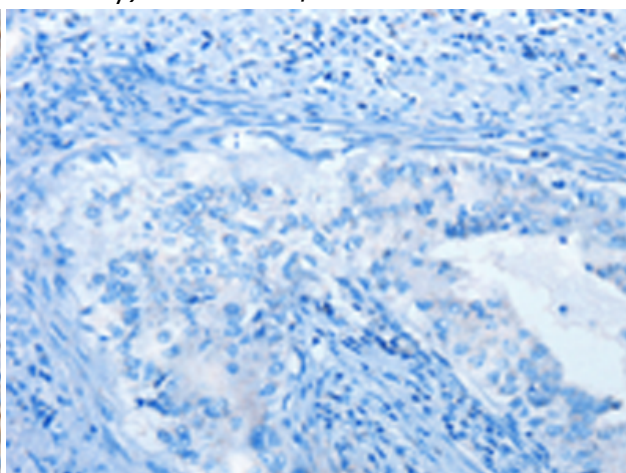
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 213838(MARK2 Antibody) at a dilution of 1/15(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 213838(Anti-MARK2 Antibody) at dilution 1/15.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 213838(Anti-MARK2 Antibody) at a dilution of 1/15.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D160930(Anti-MARK2 Antibody) at dilution 1/15.