

## EML4 RABBIT PAB

**Cat.#:** S221257

**Product Name:** Anti-EML4 Rabbit Polyclonal Antibody

**Synonyms:** C2orf2; ELP120; EMAP-4; EMAPL4; ROPPI20

**UNIPROT ID:** Q9HC35 (Gene Accession - NP\_061936 )

**Background:** This gene is a member of the echinoderm microtubule associated protein-like family. The encoded WD-repeat protein may be involved in microtubule formation. Abnormal fusion of parts of this gene with portions of the anaplastic lymphoma receptor tyrosine kinase gene, which generates EML4-ALK fusion transcripts, is one of the primary mutations associated with non-small cell lung cancer. Alternative splicing of this gene results in two transcript variants.

**Immunogen:** Synthetic peptide of human EML4

**Applications:** ELISA, IHC

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

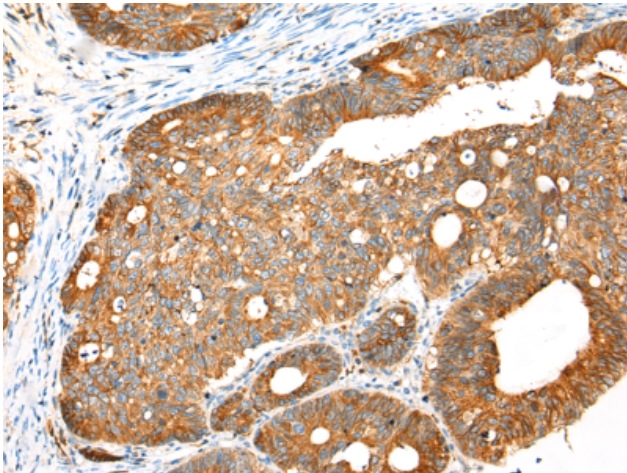
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

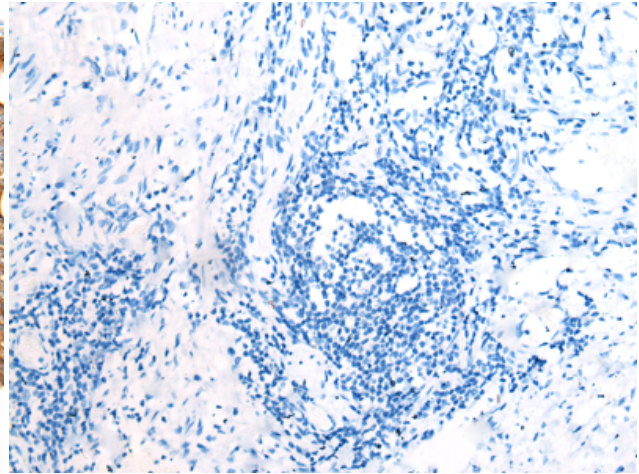
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

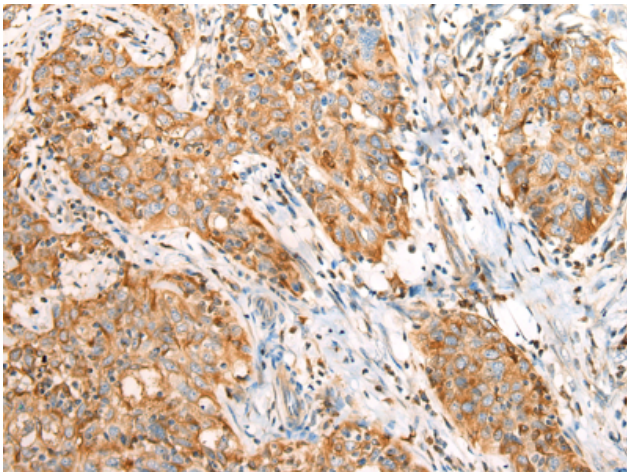
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



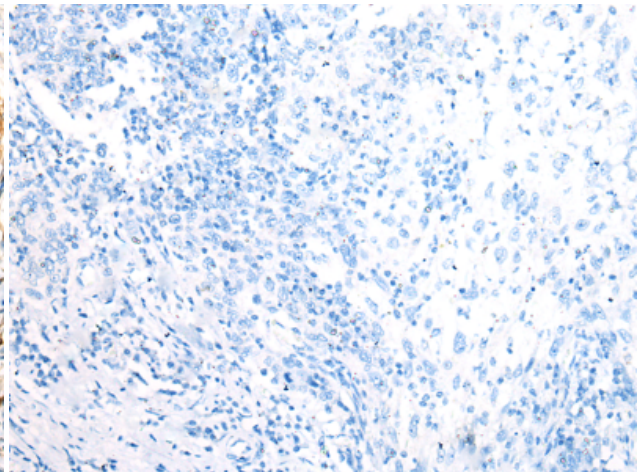
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221257(EML4 Antibody) at a dilution of 1/20(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 221257(Anti-EML4 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 221257(Anti-EML4 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D262773(Anti-EML4 Antibody) at dilution 1/20.