NewEast Biosciences

Pioneering GTPase and Oncogene Product Development since 2010

TEK RABBIT PAB

Cat.#: S220232

Product Name: Anti-TEK Rabbit Polyclonal Antibody

Synonyms: TIE2; VMCM; TIE-2; VMCM1; CD202B

UNIPROT ID: Q02763 (Gene Accession - NP_000450)

Background: The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the TIE receptor tyrosine kinase.

Immunogen: Synthetic peptide of human TEK

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

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

Research Areas: Signal Transduction, Cancer, Cardiovascular, Stem Cells, Developmental Biology

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing
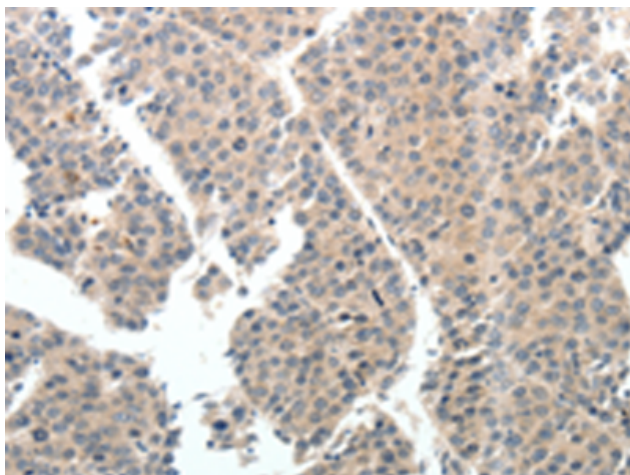
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220232(TEK Antibody) at a dilution of 1/40(Cytoplasm).
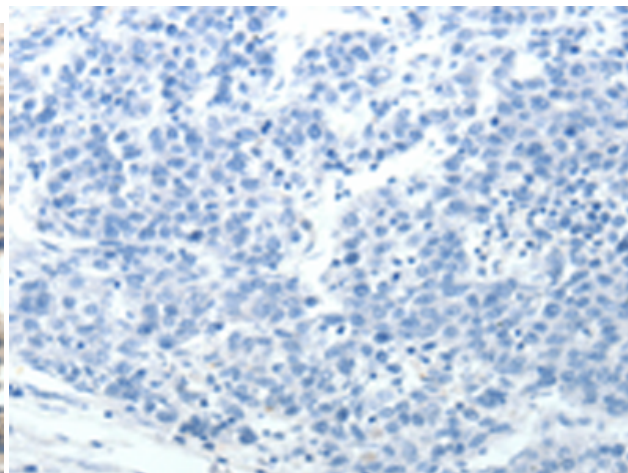
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220232(Anti-TEK Antibody) at dilution 1/40.
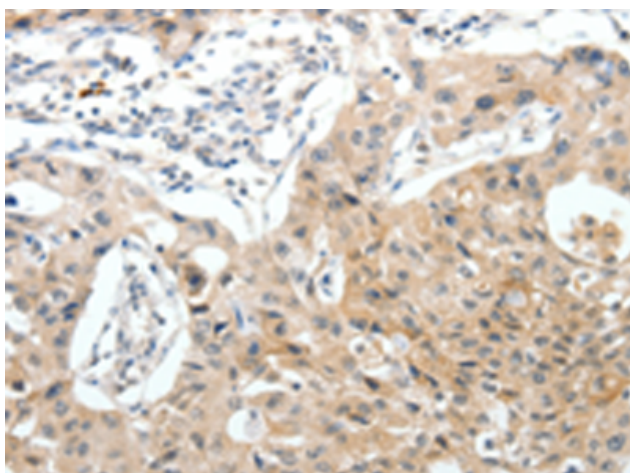
The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 220232(Anti-TEK Antibody) at a dilution of 1/40.
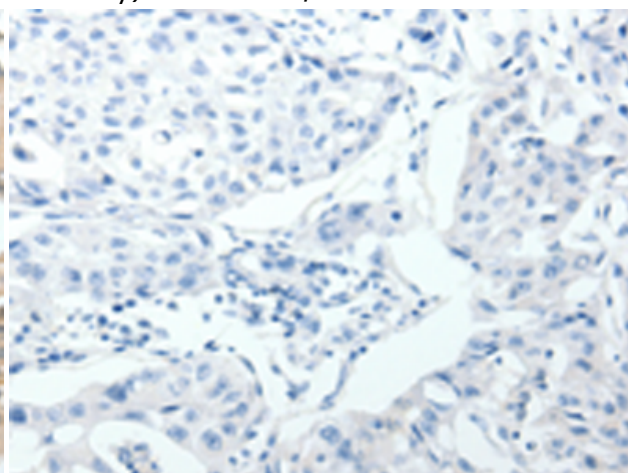
In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D261174(Anti-TEK Antibody) at dilution 1/40.