

PHOSPHO-PTEN (SER380) RABBIT PAB

Cat.#: N225288

Product Name: Anti-Phospho-PTEN (Ser380) Rabbit pAb

Synonyms: PTEN; MMAC1; TEPI; Phosphatidylinositol 3; 4; 5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog

UNIPROT ID: P60484

Background: Tumor suppressor. Acts as a dual-specificity protein phosphatase, dephosphorylating tyrosine-, serine- and threonine-phosphorylated proteins. Also acts as a lipid phosphatase, removing the phosphate in the D3 position of the inositol ring from phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-diphosphate, phosphatidylinositol 3-phosphate and inositol 1,3,4,5-tetrakisphosphate with order of substrate preference in vitro $\text{PtdIns}(3,4,5)\text{P}_3 > \text{PtdIns}(3,4)\text{P}_2 > \text{PtdIns}3\text{P} > \text{Ins}(1,3,4,5)\text{P}_4$.

Immunogen: Synthetic peptide of human PTEN

Applications: IHC-P, ICC/IF

Recommended Dilutions: IHC: 1/50-1/100 ICC: 1/100-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: -

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

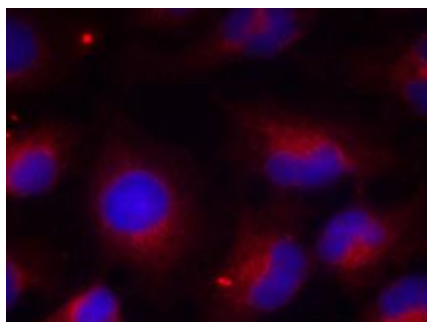
Conjugation: Unconjugated

Modification: Phosphorylated

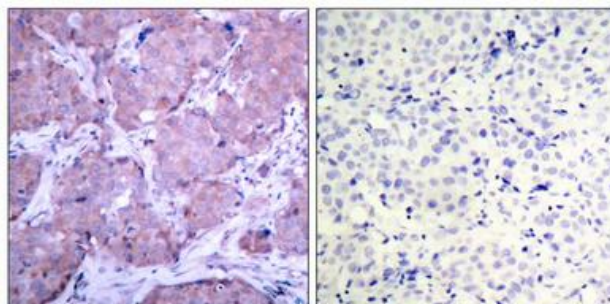
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

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



Immunofluorescence analysis of Phospho-PTEN (Ser380) in Hela cells using PTEN (Phospho-Ser380) antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using Phospho-PTEN (Ser380) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
