

Product Datasheet

Phospho-PTEN (S380) Antibody

Catalog No: CY5849

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF



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Information

UniProt ID: P60484

All Names: Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog; PTEN; MMAC1; TEP1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 54 kDa

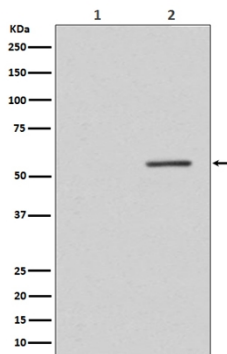
Application

WB 1:1000~1:2000

ICC/IF 1:50~1:200

Background

PTEN (phosphatase and tensin homologue deleted on chromosome ten), also referred to as MMAC (mutated in multiple advanced cancers) phosphatase, is a tumor suppressor implicated in a wide variety of human cancers. PTEN regulates p53 protein levels and activity (8) and is involved in G protein-coupled signaling during chemotaxis.



Western blot analysis of Phospho-PTEN (S380) expression in (1) MCF-7 cell treated with alkaline phosphatase lysate; (2) MCF-7 cell lysate.

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