

Product Datasheet

Phospho-PTEN (Ser370) Antibody

Catalog No: CY6449

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: P60484

All Names: 10q23del; BZS; DEC; MGC11227; MHAM; MMAC1; MMAC1 phosphatase and tensin homolog deleted on chromosome 10; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog; Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase and dual-specificity p

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.: 54kDa

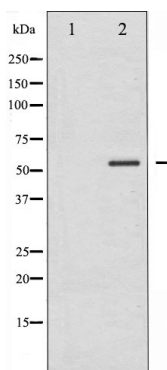
Application

WB 1:500-1:2000

IHC 1:50-1:200

Background

PTEN a phosphoinositide 3-phosphatase (PIP3) and a tumor suppressor implicated in a wide variety of human cancers. Dephosphorylates inositol phospholipids generated by the activation of the phosphoinositide 3 kinase (PI3K).



Western blot analysis of PTEN phosphorylation expression in Vanadate treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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