

Recombinant PTEN Monoclonal Antibody

Catalog Number:E-AB-81483



Note: Centrifuge before opening to ensure complete recovery of vial contents.

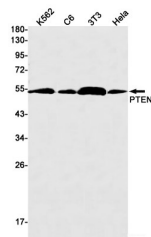
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human PTEN
Host	Rabbit
Isotype	IgG
Clone	R02-9D3
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

WB 1:500-1:1000

Data



Western blot detection of PTEN in K562,C6,3T3,HeLa cell lysates using PTEN Rabbit mAb(1:1000 diluted).Predicted band size:47kDa.Observed band size:54kDa.

Observed Mw:54kDa
Calculated Mw:47kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

PTEN (also designated MMAC1),products of tumor suppressor genes,are found deleted in most human gliomas. The PTEN genes are also mutated in many other tumors,such as brain,breast,kidney and prostate cancers. PTEN is a protein tyrosine phosphatase that may terminate the signaling transduction pathways mediated by PI 3-kinase/Akt. PTEN has an apparent molecular weight of 55 kDa and it is located in the cytosol.

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