

Recombinant PTEN Monoclonal Antibody

catalog number: E-AB-81483

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

Description

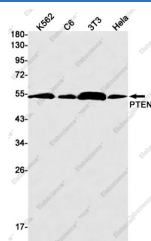
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human PTEN
Host	Rabbit
Isotype	Rabbit IgG
Clone	C133269
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:500-1:1000
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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:54 kDa

Calculated-MW:47 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

For Research Use Only

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