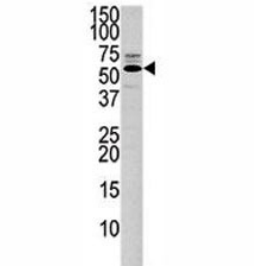
PTEN Antibody (F51133)

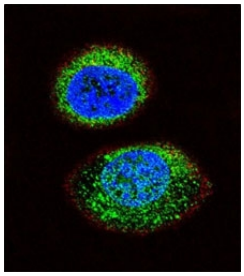
Catalog No.	Formulation	Size
F51133-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51133-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P60484
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50
Limitations	This PTEN antibody is available for research use only.



Western blot analysis of PTEN antibody and 293 lysate.



Confocal immunofluorescent analysis of PTEN antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

Phosphatase and tensin homolog (PTEN) is a tumor suppressor. It acts as a dual-specificity protein phosphatase, dephosphorylating tyrosine-, serine- and threonine-phosphorylated proteins. [UniProt]

For broader research into PTEN expression and tumor suppressor function, explore our PTEN Antibody page for additional reagents targeting phosphatase and tensin homolog.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the PTEN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 371-403 from the human protein was used as the immunogen for this PTEN antibody.

Storage

Store at 4oC for up to one month. For long-term, aliquot the PTEN antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.