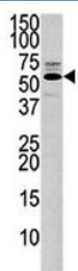


## PTEN Antibody (F51133)

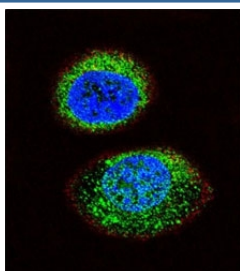
Catalog No.	Formulation	Size
F51133-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51133-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P60484
<b>Applications</b>	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	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]

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