

## Phospho-PTEN (Ser370) Ab

[References\(3\)](#) [Images\(4\)](#)

Cat.#: AF3351  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 54kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

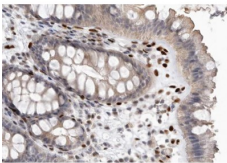
A synthesized peptide derived from human PTEN around the phosphorylation site of Ser370.

Uniprot:

P60484

Description:

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).



AF3351 at 1/200 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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