

# PTEN (phospho Ser380/Thr382/Thr383) antibody

**Cat. No. GTX50130**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

**Calculated MW** 47 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 150mM NaCl, 50% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Peptide sequence around phosphorylation site of threonine 380/382/383 (R-Y-S(p)-D-T(p)-T(p)-D-S) derived from human PTEN.
<b>Purification</b>	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
<b>Conjugation</b>	Unconjugated



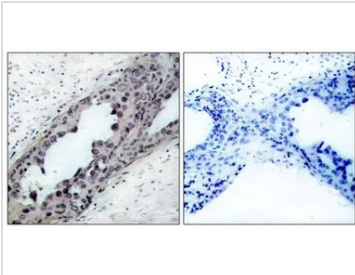
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**Note**

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## DATA IMAGES

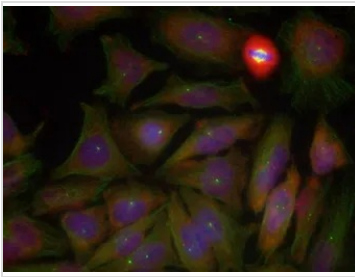


### GTX50130 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTX50130 PTEN (phospho Ser380/Thr382/Thr383) antibody.

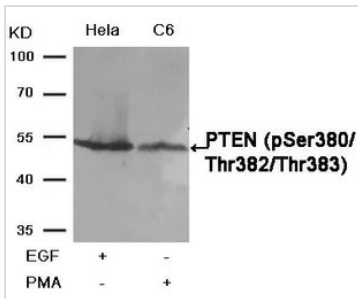
Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide



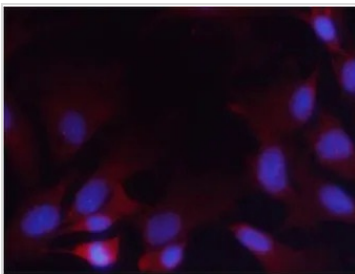
### GTX50130 ICC/IF Image

ICC/IF analysis of methanol-fixed HeLa cells using GTX50130 PTEN (phospho Ser380/Thr382/Thr383) antibody.



### GTX50130 WB Image

WB analysis of extracts from HeLa and C6 cells treated with EGF or PMA using GTX50130 PTEN (phospho Ser380/Thr382/Thr383) antibody.



### GTX50130 ICC/IF Image

ICC/IF analysis of methanol-fixed MEF cells using GTX50130 PTEN (phospho Ser380/Thr382/Thr383) antibody.



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