

PTEN antibody



Catalog Number: 107490

Product name

PTEN antibody

Specificity

Human, Mouse; other species not tested.

Antibody description

PTEN Mouse Monoclonal antibody. Positive IF detected in HepG2 cells. Positive IHC detected in human endometrial cancer tissue, human breast cancer tissue, human breast hyperplasia tissue, human prostate hyperplasia tissue. Positive WB detected in DU 145 cells, fetal human brain tissue, HeLa cells, RAW 264.7 cells. Observed molecular weight by Western-blot: 55 kDa

Preparation

This antibody was obtained by immunization of PTEN recombinant protein (Accession Number: NM_000314). Purification method: Protein A purified.

Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Monoclonal

Ig Type

Mouse IgG2a

Applications

ELISA, WB, IF, IHC

Dilutions

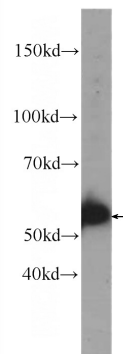
Recommended Dilution:

WB: 1:500-1:5000

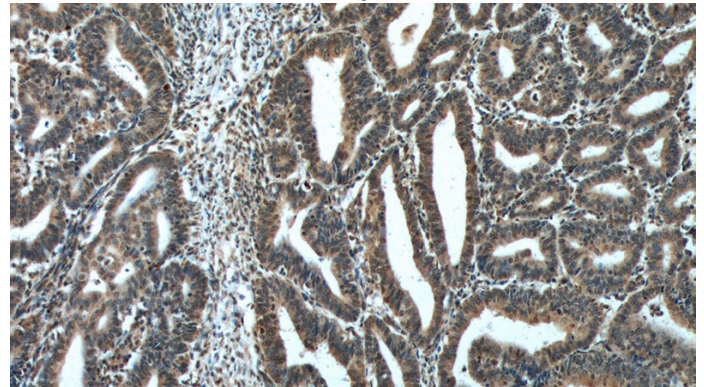
IHC: 1:20-1:200

IF: 1:20-1:200

Validations



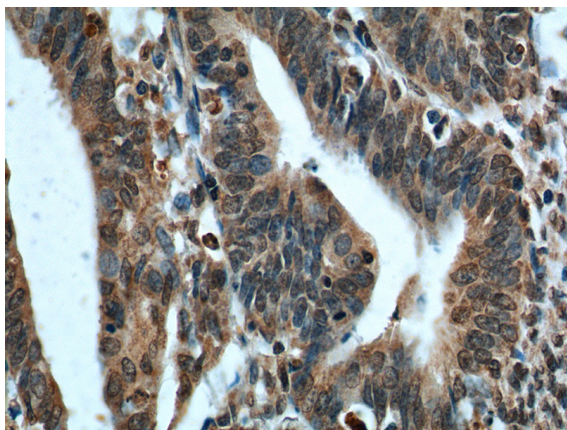
DU 145 cells were subjected to SDS PAGE followed by western blot with Catalog No:107490(PTEN Antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human endometrial cancer tissue slide using Catalog No:107490(PTEN Antibody) at dilution of 1:200 (under 10x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).

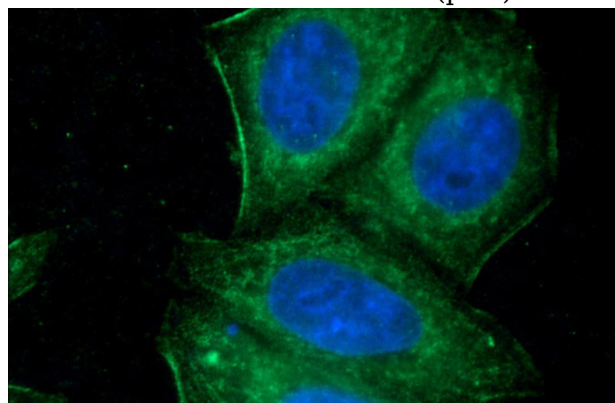
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Immunohistochemistry of paraffin-embedded human endometrial cancer tissue slide using Catalog No:107490(PTEN Antibody) at dilution of 1:200 (under 40x lens). heat mediated antigen

retrieved with Tris-EDTA buffer(pH9).



Immunofluorescent analysis of HepG2 cells using Catalog No:107490(PTEN Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)