

PTEN IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_000305.2

Catalog No. IHC-00358

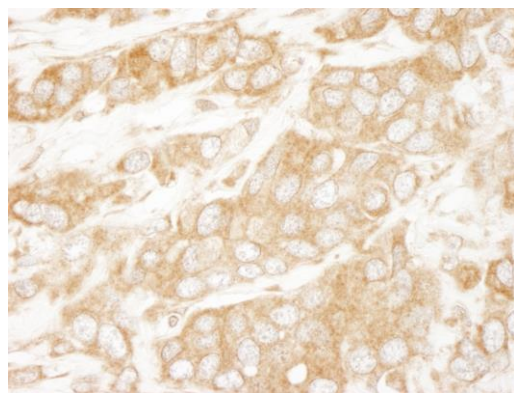
GeneID 5728

Lot No. IHC-00358-1

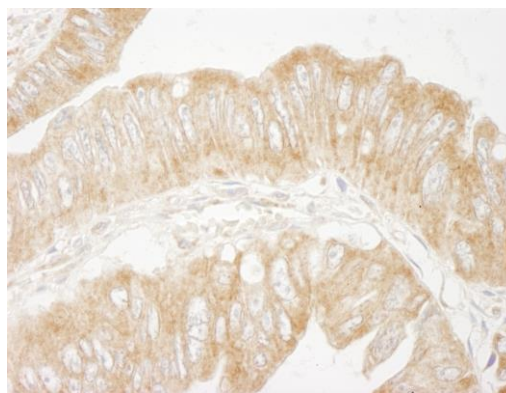


APPLICATIONS	IHC, IHC-IF
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Chicken, Turkey, Bovine, Dog, Horse, Rabbit, Guinea pig_10141, Pig, Panda, Orangutan, Monkey, Gorilla and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	250 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PTEN immobilized on solid support. The epitope recognized by IHC-00358 maps to a region between residue 350 and the C-terminus (residue 403) of human phosphatase and tensin homolog using the numbering given in entry NP_000305.2 (GeneID 5728). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Immunohistochemistry 1:100 - 1:500 Immunofluorescence (IHC) 1:50 - 1:500
APPLICATION NOTES	Epitope exposure is recommended. Epitope exposure with citrate buffer will enhance staining. Likely to work with frozen sections. In some cases, the antibody may be diluted further than indicated.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/IHC-00358 Use the link above to view SDS, a current list of citations, and other product specific information.

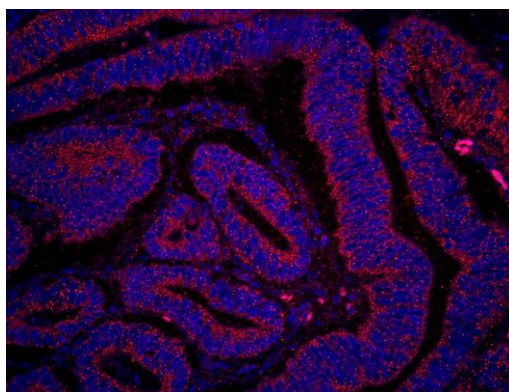
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human PTEN by immunohistochemistry.
Sample: FFPE section of human breast carcinoma.
Antibody: Affinity purified rabbit anti-PTEN (Cat. No. IHC-00358) used at a dilution of 1:250. *Detection:* DAB



Detection of human PTEN by immunohistochemistry.
Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-PTEN (Cat. No. IHC-00358) used at a dilution of 1:250. *Detection:* DAB



Detection of human PTEN by immunohistochemistry.
Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-PTEN (Cat. No. IHC-00358) used at a dilution of 1:100. *Detection:* Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.