

PTEN (ZR235)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant full-length human PTEN protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: PTEN (ZR235) Rabbit Monoclonal primary antibody detects PTEN protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain PTEN protein.

Localization: Cytoplasmic and nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: PTEN (phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase) contains a tensin-like domain as well as a catalytic domain similar to that of the dual specificity protein tyrosine phosphatases. It was identified as a tumor suppressor that is mutated in a large number of cancers, including sporadic brain, breast, endometrial, kidney, and prostate cancers.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Perren A, et al. Am J Pathol. 1999; 155:1253-1260
2. Pallares J, et al. Mod Pathol. 2005; 18:719-727

REF**Z2711RL-R/ Z2711RS-R/ Z2711RT-R/ Z2711RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)****ZETA** Corporation

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RUO

(research
use only)

LOT

(lot number)

REF

(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)