Product Datasheet

PTEN Antibody (28H6)
NB200-175

Unit Size: 0.25 ml

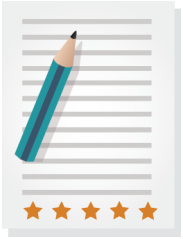
Store at 4C. Do not freeze.

www.novusbio.com technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB200-175

Updated 3/30/2022 v.20.1



NB200-175

PTEN Antibody (28H6)

Product Information	
Unit Size	0.25 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	28H6
Preservative	Sodium Azide
Isotype	IgG1 Kappa
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant

Product Description	
Host	Mouse
Gene ID	5728
Gene Symbol	PTEN
Species	Human
Reactivity Notes	Cross reacts with Human.
Specificity/Sensitivity	This antibody reacts with human PTEN also known as MMAC or TEP1. PTEN is a tumor suppressor gene, which encodes a multifunctional phosphatase and which is expressed almost ubiquitously and regulates the cell cycle, apoptosis, and cell adhesion. Deletions and mutations of PTEN occur in a range of cancers including breast cancer, malignant melanoma, endometrial carcinoma, bladder carcinoma, small cell lung carcinoma, and endometrial ovarian carcinoma.
Immunogen	BALB/C mice were injected with prokaryotic recombinant protein corresponding to a 200 amino acid C-terminal region of the PTEN molecule.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	This antibody is useful in Immunohistochemistry-Paraffin. This antibody may be diluted to a titer of 1:50-1:75 in an ABC method.

Publications

Eritja N, Santacana M, Maiques O et al. Modeling glands with PTEn deficient cells and microscopic methods for assessing PTEn loss: Endometrial cancer as a model. Methods. 2014-11-18 [PMID: 25461816]

Carvalho Katia C, Maia Beatriz M, Omae Samantha V et al. Best practice for PTEN gene and protein assessment in anatomic pathology. Acta Histochem. 2014-01-01 [PMID: 23746542] (IHC-P, Human)

Neto JC, Ikoma MM, Carvalho KC et al. MGMT and PTEN as potential prognostic markers in breast cancer. Experimental and Molecular Pathology;92(1):20-26. 2011-10-12 [PMID: 22019339]

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB200-175

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications