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GOAT ANTI-PTEN ANTIBODY

SKU: EB06544

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	MMAC1 phosphatase and tension homolog deleted on chromosome 10|mutated in multiple advanced cancers 1|tensin homolog|phosphatase and tensin homolog (mutated in multiple advanced cancers 1)|MGC11227|PTEN1|MMAC1|TEP1|MHAM|BZS|PTEN
Usage Summary	Immunoprecipitation:This antibody was deemed fit for IP under native conditions (observations from a customer). Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_000305.3
Blocking Peptide	EBP06544
Immunogen	Peptide with sequence CNEPFDEDQHTQIT, from the internal region (near the C Terminus) of the protein sequence according to NP_000305.3.
Peptide Sequence	CNEPFDEDQHTQIT
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse
Human Gene ID	5728
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 55kDa band observed in lysates of cell line A431 and 50kDa in lysates of cell line NIH3T3 (calculated MW of 47.1kDa according to Human NP_000305 and Mouse NP_032986.1). Recommended concentration: 1-3µg/ml.
Application Type	Pep-ELISA, WB, IP

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES