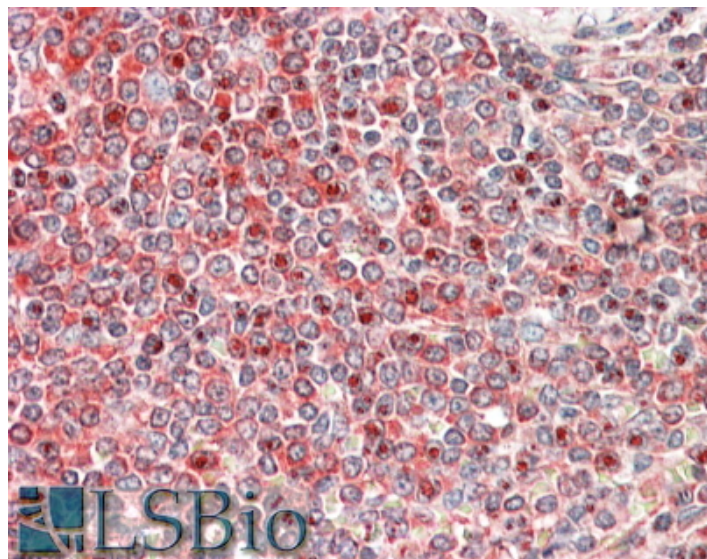


GOAT ANTI-PRKCB ANTIBODY

SKU: EB11585



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	Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions	
Synonym / Alias Names	protein kinase C, beta 1 polypeptide protein kinase C, beta protein kinase C beta type PRKCB2 PRKCB1 PRKCB PKC-beta PKC-B PKCB OTTHUMP00000162378 OTTHUMP00000162377 MGC41878
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_997700.1
Blocking Peptide	EBP11585
Immunogen	Peptide with sequence C-DKEFTRQPVELT, from the internal region (near C terminus) of the protein sequence according to NP_997700.1.
Product Comments	This antibody is expected to recognize isoform 1 (NP_997700.1) only.
Peptide Sequence	C-DKEFTRQPVELT

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, Rat, Dog
Reactive Species	Human, Rat
Human Gene ID	5579
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Spleen shows nucleolar staining in some splenocytes. Recommended concentration, 1-2µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 80kDa band observed in lysates of Human Placenta and Rat Brain (calculated MW of 76.9kDa according to NP_997700.1). Recommended concentration: 0.1-0.3µg/ml.
Application Type	Pep-ELISA, WB, IHC

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 Inngjerdigen, 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

