



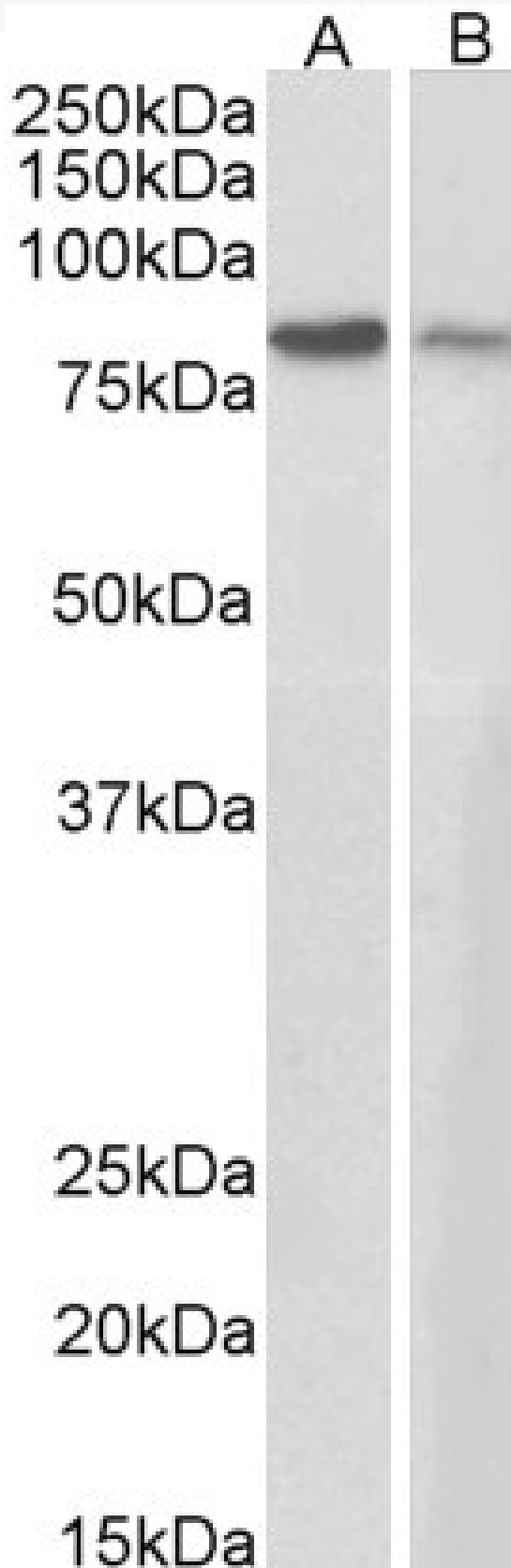
www.everestbiotech.com

Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:(650)697-3600)

GOAT ANTI-PLAKOGLOBIN / GAMMA-CATENIN ANTIBODY

SKU: EB05500





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	desmoplakin-3 desmoplakin III catenin (cadherin-associated protein), gamma 80kDa catenin (cadherin-associated protein), gamma (80kD) CTNNG ARVD12 DPIII PKGB PDGB DP3 junction plakoglobin GAMMA-CATENIN JUP
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_002221.1, NP_068831.1
Blocking Peptide	EBP05500
Immunogen	Peptide with sequence C-GLRPPYPTADHMLA, from the C Terminus of the protein sequence according to NP_002221.1, NP_068831.1.
Product Comments	This antibody is expected to recognise both reported isoforms, as represented by NP_002221.1 and NP_068831.1.
Peptide Sequence	C-GLRPPYPTADHMLA
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
Reactive Species	Human, Mouse, Rat
Human Gene ID	3728
Mouse Gene ID	16480
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 80kDa band observed in lysates of cell lines A431 and NIH3T3 and in Rat Eye lysates (calculated MW of 81.7kDa according to Human NP_002221.1 and Mouse NP_034723.1). 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 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

