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GOAT ANTI-HSPC117 (AA201-215) ANTIBODY

SKU: EB10954

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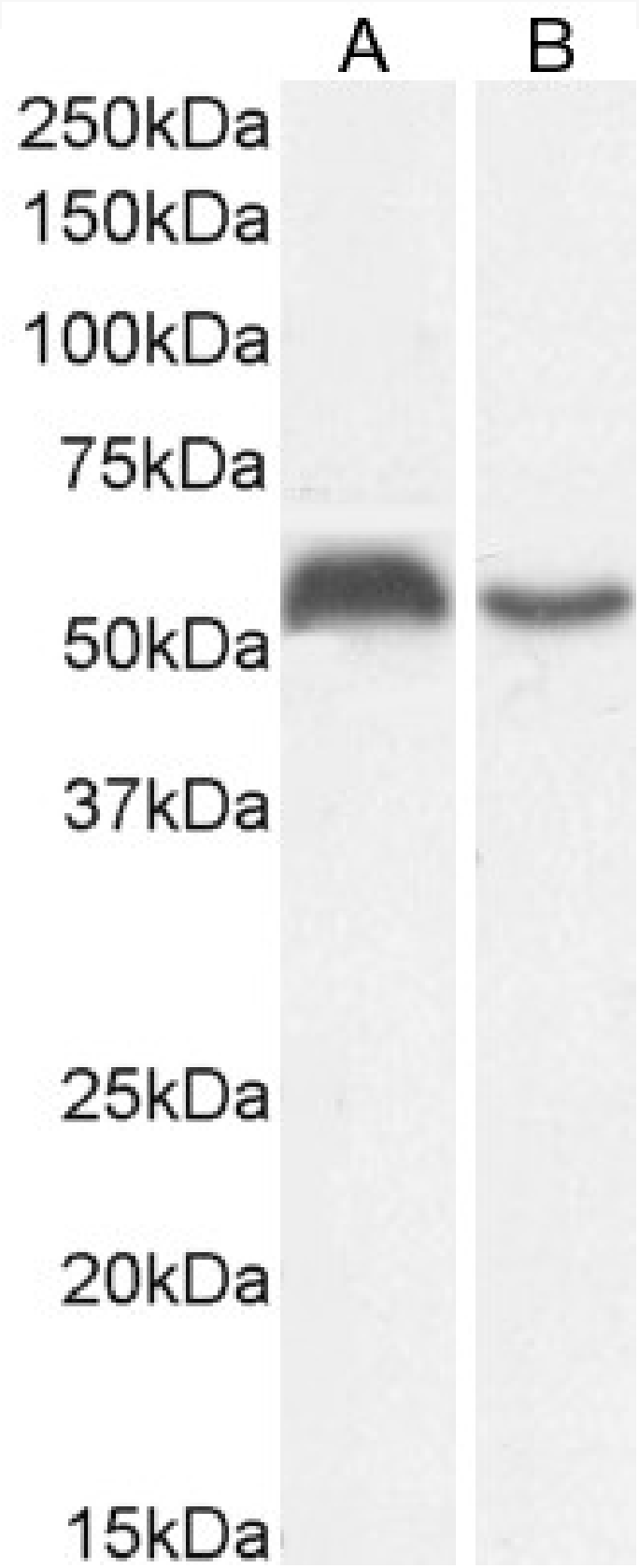

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SPECIFICATIONS

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	novel protein HSPC117| hypothetical protein LOC51493| RP1-149A16.6| DJ149A16.6| chromosome 22 open reading frame 28|C22orf28
Usage Summary	Immunofluorescence: Strong expression of the protein seen in A431 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_055121.1
Blocking Peptide	EBP10954
Immunogen	Peptide with sequence C-QADPNKVSARAKKR, from the internal region of the protein sequence according to NP_055121.1.
Peptide Sequence	C-QADPNKVSARAKKR
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
Human Gene ID	51493
Mouse Gene ID	28088
Rat Gene ID	362855
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Testis shows nuclear and vicinity staining in spermatogonia. Recommended concentration: 5-10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx. 55kDa band observed in lysates of cell lines Jurkat, HeLa, HepG2 and A431 and in Human Cerebellum and Ovary lysates (calculated MW of 55.2kDa according to NP_055121.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF, FC

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

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