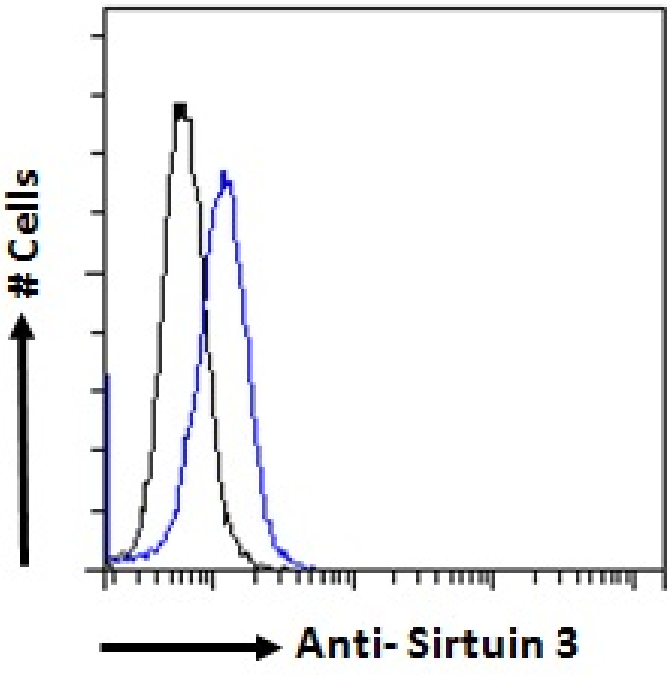
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GOAT ANTI-SIRTUIN 3 (MOUSE) ANTIBODY

SKU: EB10970



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	SIR2-like protein 3| OTTMUSP00000027445| OTTMUSP00000027444| OTTMUSP00000027441| NAD-dependent deacetylase sirtuin-3| Sir2l3| AI848213| 2310003L23Rik| homolog) 3| sirtuin 3 (silent mating type information regulation 2| sirtuin 3|Sirt3
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of NIH3T3 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_071878.2; NP_001171275.1
Blocking Peptide	EBP10970
Immunogen	Peptide with sequence C-RASGIPASKLVEAH, from the internal region of the protein sequence according to NP_071878.2; NP_001171275.1.

Product Comments	This antibody is expected to recognize both reported isoforms (NP_071878.2; NP_001171275.1). Reported variants represent identical proteins: NP_071878.2; NP_001120823.1
Peptide Sequence	C-RASGIPASKLVEAH
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, Pig
Reactive Species	Mouse
Human Gene ID	23410
Mouse Gene ID	64384
Rat Gene ID	293615
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 30kDa band observed in Mouse Heart lysates (calculated MW of 28.8kDa according to NP_071878.2). An additional band of unknown identity was also consistently observed at 15kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat Kidney for this particular batch.
Application Type	Pep-ELISA, WB, IF, FC

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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