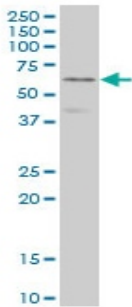


Mouse monoclonal antibody to human DRP-3 [1B8]: IgG

Catalogue No.:	M-826-100
Description:	DRP-3 belongs to the hydantoinase/dihydropyrimidase subfamily. It is required for signalling by class 3 semaphorins and remodelling of the cytoskeleton. It also plays a role in axon guidance, neuronal growth cone collapse and cell migration. It exists as a homotetramer, and heterotetramer with CRMP1, DPYSL2, DPYSL4 or DPYSL5. The unprocessed precursor is 570 amino acids long and has an estimated molecular weight of 61.9kDa. It is mainly expressed in heart and skeletal muscle but is also strongly expressed in fetal brain and spinal cord. It localises to the cytoplasm and growth cone. This protein interacts with synaptic vesicle protein 2 and SH3A domain of intersectin.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant protein of human DRP-3 (amino acids 457 to 555) with a GST tag.
Isotype:	IgG2a Kappa
Clone:	1B8
Other Names:	Dihydropyrimidinase-related protein 3; unc-33-like phosphoprotein; ULIP protein; collapsin response mediator protein 4; CRMP-4; DPYSL3; CRMP4; DRP3; ULIP
Accession:	DPYL3_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and direct ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been shown by WB and ELISA against the GST tagged recombinant DRP-3 protein.
Cross-reactivity:	This antibody cross reacts with mouse and rat DRP-3 protein.
Form:	Lyophilised from PBS pH 7.4
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized antibody at 2-8C. After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY

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Western blot analysis on Jurkat cell lysate using Mouse monoclonal antibody to human DRP-3, catalogue number M-826-100. The major band detected has a molecular weight of ~64.8kDa.

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