

Mouse Monoclonal Antibody to ARNTL

Catalogue Number	sAP-0386
Target Molecule	<p>Name: ARNTL</p> <p>Aliases: TIC; JAP3; MOP3; BMAL1; PASD3; BMAL1c; bHLHe5; MGC47515; ARNTL</p> <p>MW: 68.7kDa</p> <p>Entrez Gene ID: 406</p>
Description	<p>The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This complex binds an E-box upstream of the PER1 gene, activating this gene and possibly other circadian rhythm-associated genes. Three transcript variants encoding two different isoforms have been found for this gene.</p>
Immunogen	Purified recombinant fragment of human ARNTL expressed in E. Coli. ;
Recitative Species	Human
Clone	MM1C5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Chronobiol Int. 2007;24(5):783-92. ; 2. Mol Cell Biol. 2008 Oct;28(19):6056-65. ; 3. J Affect Disord. 2009 Sep;117(1-2):87-97.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**