

## Mouse Monoclonal Antibody to ARNTL

<b>Catalogue Number</b>	sAP-0386
<b>Target Molecule</b>	<b>Name:</b> ARNTL <b>Aliases:</b> TIC; JAP3; MOP3; BMAL1; PASD3; BMAL1c; bHLHe5; MGC47515; ARNTL <b>MW:</b> 68.7kDa <b>Entrez Gene ID: 406</b>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human ARNTL expressed in E. Coli. ;
<b>Reactive Species</b>	Human
<b>Clone</b>	MM1C5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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**