
Product Name: ARNTL Mouse Monoclonal Antibody**Catalog #: AMM80836**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	68.7kDa

Antigen Information

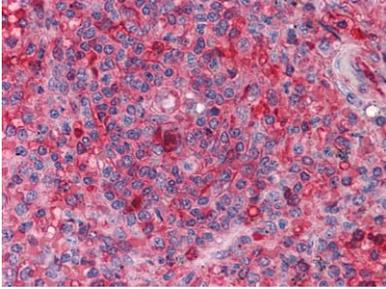
Gene Name	ARNTL
Alternative Names	TIC; JAP3; MOP3; BMAL1; PASD3; BMAL1c; bHLHe5; MGC47515; ARNTL
Gene ID	406.0
SwissProt ID	O00327
Immunogen	Purified recombinant fragment of human ARNTL expressed in E. Coli.

Background

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.

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human Spleen tissues using anti-ARNTL mouse mAb