



Category: Monoclonal Antibodies Cat. #: MAB-606030033 Product Name: Mouse Monoclonal Antibody to ARNTL

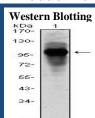


Figure 1: Western blot analysis using ARNTL mouse mAb against ARBTL-hIgGFc transfected HEK293 cell lysate.

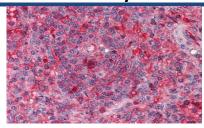


Figure 2: Immunohistochemical analysis of paraffin-embedded human Spleen tissues using anti-ARNTL mouse mAb

Lot:

Clone #: 1c5

Host & Isotype: Mouse IgG1

Size: 0.1ml MW: 68,7KDa

Aliases: TIC, JAP3; MOP3; BMAL1;

PASD3; BMALc, bHLHe5;

Entrez Gene: 406

Species Reactivity: Human;

Description

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 rhythym-associated genes. Three transcript variants encoding two different isoforms have been found for this gene.

Immunogen

Purified recombinant fragment of human ARNTL expressed in E. Coli.

Applications

Western Bloting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Storage

Store at 4°C, for long term storage, store at -20°C.

Related product

References

- 1. Chronobiol Int. 2007;24(5):783-92.
- 2. 2. Mol Cell Biol. 2008 Oct;28(19):6056-65.
- 3. J Affect Disord. 2009 Sep;117(1-2):87-97.

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