

ARNTL Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4391
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ARNTL expressed in E. Coli.
Mol wt	68.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	TIC;JAP3;MOP3;BMAL1;PASD3;BMAL1c;bHLHe5;MGC47515;ARNTL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

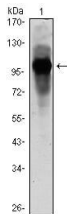
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

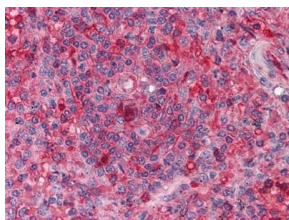
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using ARNTL mouse mAb against ARBTL(AA: 1-310)-hIgGFc transfected HEK293 cell lysate.



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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