

## Anti-BMAL1 (ARNTL) Mouse Monoclonal Antibody [Clone ID: OTI3G9]

Catalog Number: M00260-2

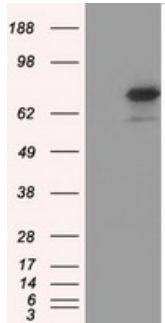
### Overview

Product Name	Anti-BMAL1 (ARNTL) Mouse Monoclonal Antibody [Clone ID: OTI3G9]
Reactive Species	Dog, Human, Mouse, Rat
Description	Boster Bio Anti-ARNTL (BMAL1) mouse monoclonal antibody, clone OTI3G9 (formerly 3G9). Catalog# M00260-2. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI3G9
Formulation	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	O00327

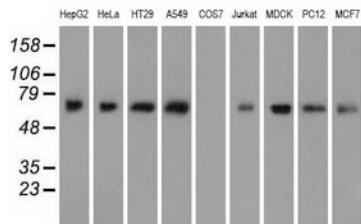
### Technical Details

Immunogen	Full length human recombinant protein of human ARNTL (NP_001169) produced in HEK293T cell.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

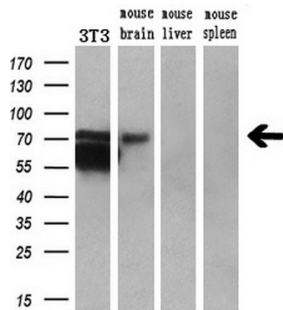
## Anti-BMAL1 (ARNTL) Mouse Monoclonal Antibody [Clone ID: OTI3G9] (M00260-2) Images



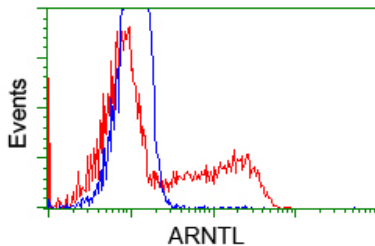
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARNTL (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARNTL.



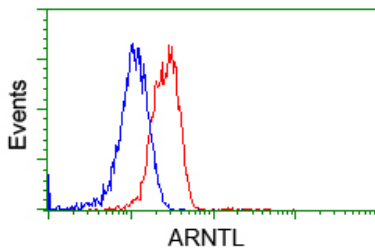
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ARNTL monoclonal antibody.



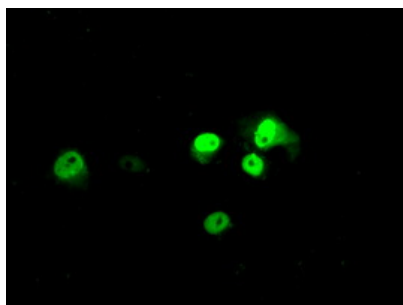
Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-ARNTL monoclonal antibody (1:200).



HEK293T cells transfected with either ARNTL (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ARNTL antibody (M00260-2)



Flow cytometric Analysis of Jurkat cells



immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARNTL.

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