

## Anti-HIF1 beta (ARNT) Mouse Monoclonal Antibody [Clone ID: OTI1A1]

Catalog Number: M02263-2

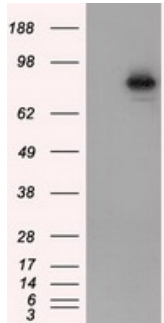
### Overview

Product Name	Anti-HIF1 beta (ARNT) Mouse Monoclonal Antibody [Clone ID: OTI1A1]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio ARNT (HIF1 beta) mouse monoclonal antibody, clone OTI1A1 (formerly 1A1). Catalog# M02263-2. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1A1
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P27540

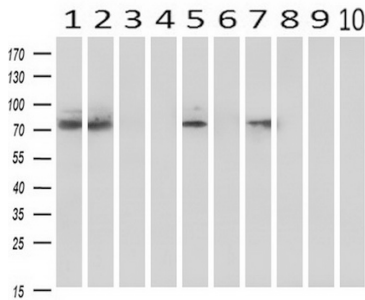
### Technical Details

Immunogen	Full length human recombinant protein of human ARNT (NP_001659) 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	WB: 1:2000 IHC: 1:50 IF: 1:100 Flow cytometry: 1:100

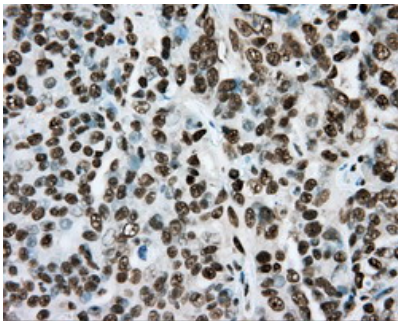
## Anti-HIF1 beta (ARNT) Mouse Monoclonal Antibody [Clone ID: OTI1A1] (M02263-2) Images



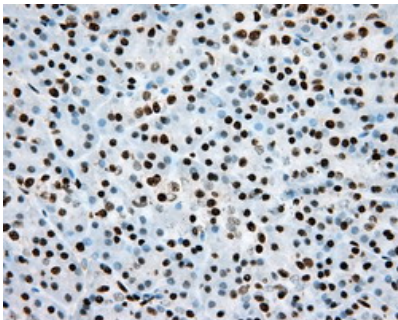
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARNT (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARNT.



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-ARNT monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).

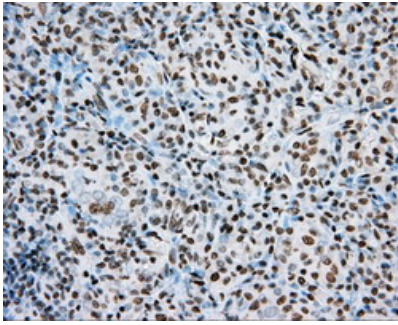


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

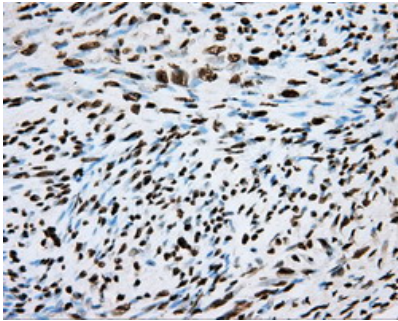


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

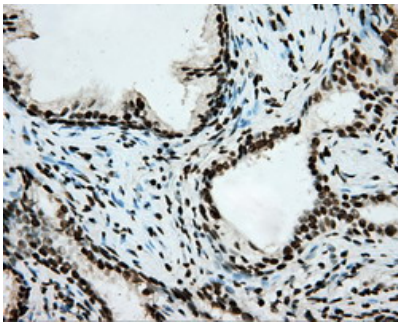
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



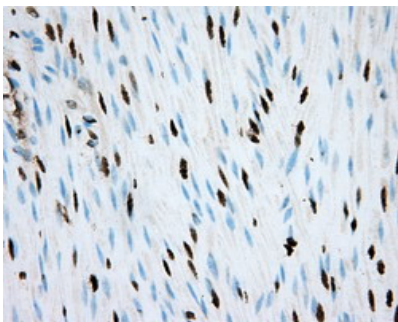
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



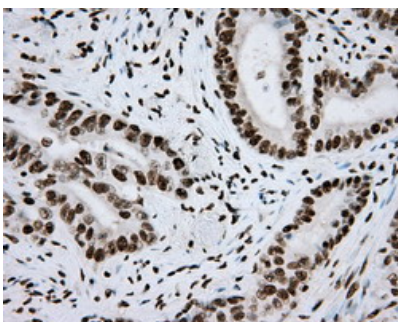
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

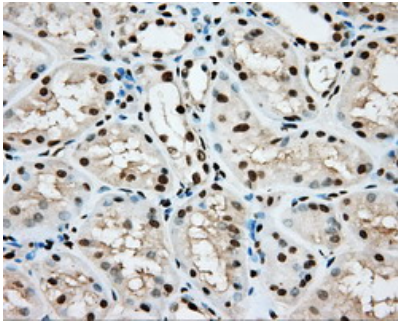


Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

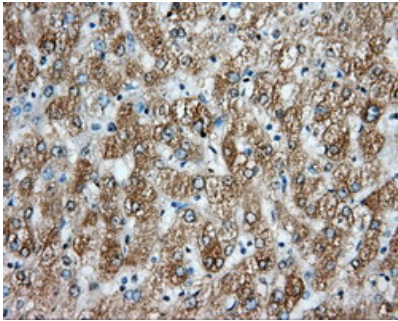


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

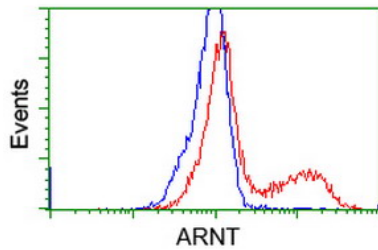




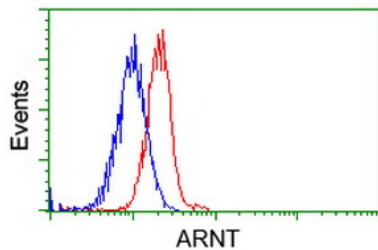
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



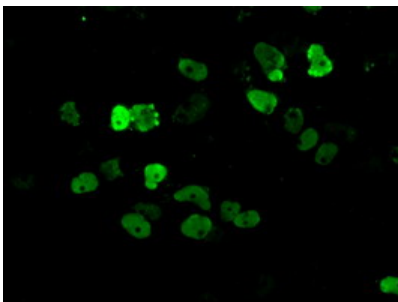
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ARNT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either ARNT (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ARNT antibody (M02263-2)

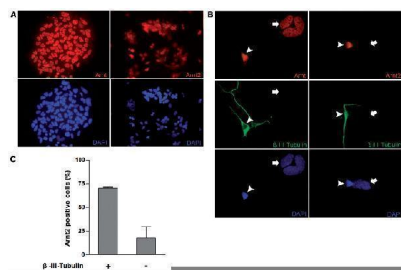


Flow cytometric Analysis of Jurkat cells



Anti-ARNT mouse monoclonal antibody (M02263-2) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARNT.

Figure from citation: Immunofluorescence of ARNT protein level by using anti-ARNT antibody in mouse neuronal cells.



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