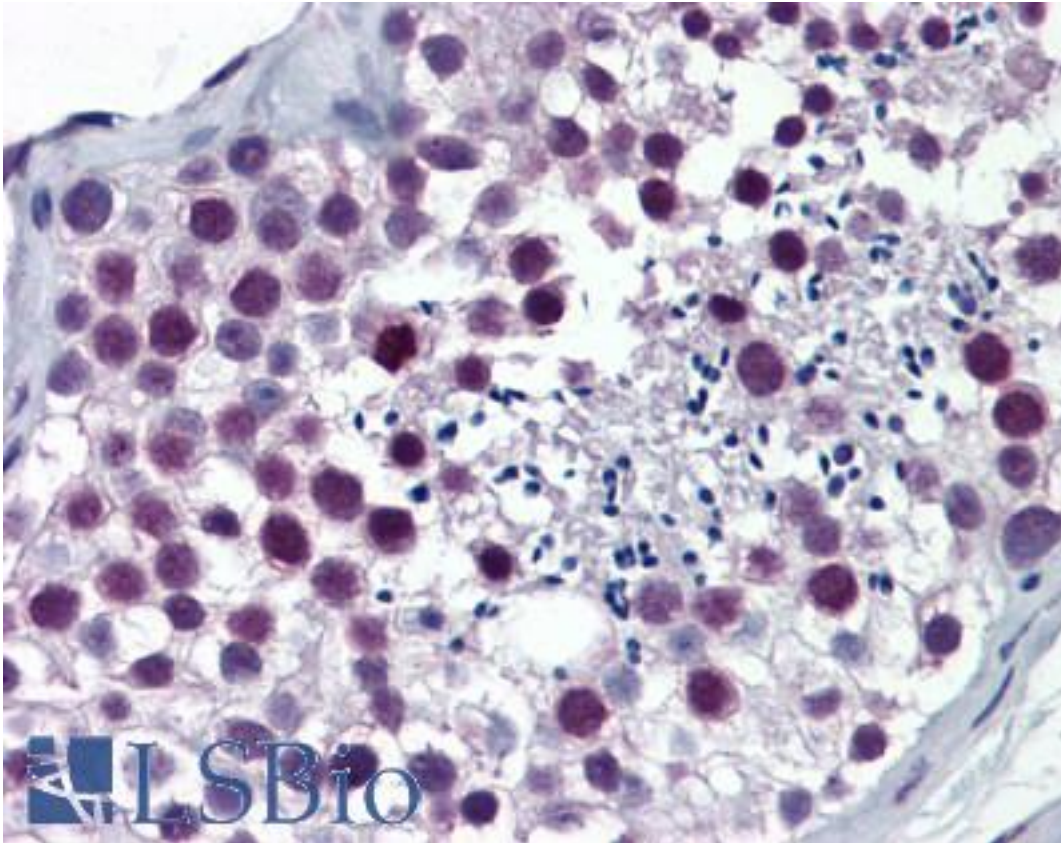


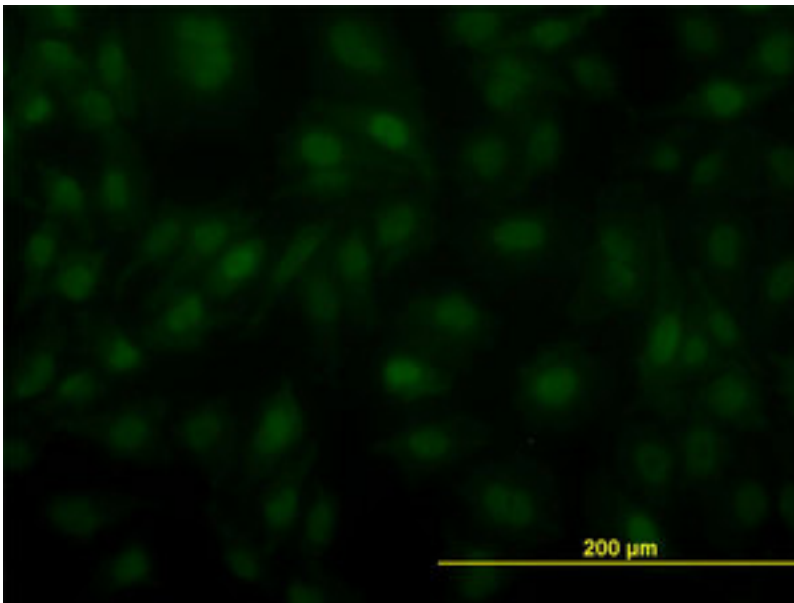
ARNT / HIF-1-Beta Mouse anti-Human Monoclonal (3D10) Antibody - LS-B6007 - LSBio	
<b>CatalogID:</b>	LS-B6007
<b>Validation:</b>	This antibody replaces catalog number LS-C133052. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	aryl hydrocarbon receptor nuclear translocator (ARNT)
<b>Synonyms:</b>	ARNT Antibody, ARNT protein Antibody, BHLHe2 Antibody, HIF-1beta Antibody, HIF1-beta Antibody, HIF1BETA Antibody, TANGO Antibody, HIF-1-beta Antibody, HIF1B Antibody
<b>Host</b>	ARNT antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2a,k
<b>Clone Name:</b>	3D10
<b>Immunogen Species:</b>	ARNT / HIF-1-Beta antibody was raised against Human
<b>Immunogen:</b>	ARNT / HIF-1-Beta antibody was raised against aRNT (AAH60838, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Specificity:</b>	Human ARNT
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	PBS, pH 7.2. Sourced in Ascites.
<b>Recommended Storage:</b>	Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.
<b>Usage Summary:</b>	Immunohistochemistry: Formalin-fixed paraffin-embedded sections. RNAi Knockdown: Antibody validated. Sandwich ELISA: Recombinant protein. Western Blot: Cell lysate, Transfected lysate, Recombinant protein.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Immunofluorescence (10 µg/ml), Western blot (1:500 - 1:1000), ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



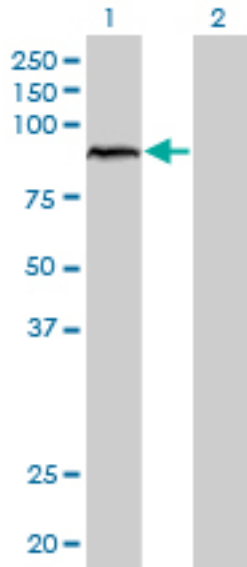
Anti-ARNT antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6007 concentration 5 ug/ml.

**Immunofluorescence Image:**



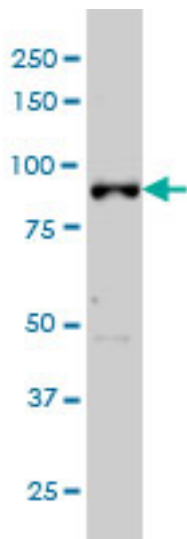
Immunofluorescence of monoclonal antibody to ARNT on HeLa cell. [antibody concentration 10 ug/ml]

**Western Blot Image:**



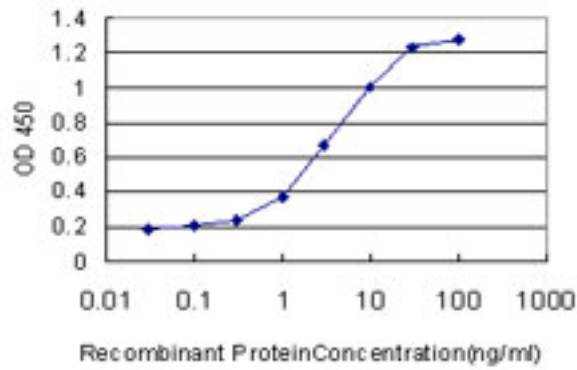
Western blot of ARNT expression in transfected 293T cell line.

**Western Blot Image:**



Western blot of ARNT expression in HeLa nuclear extract.

**ELISA Image:**



Detection limit for recombinant GST tagged ARNT is approximately 0.03 ng/ml as a capture antibody.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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