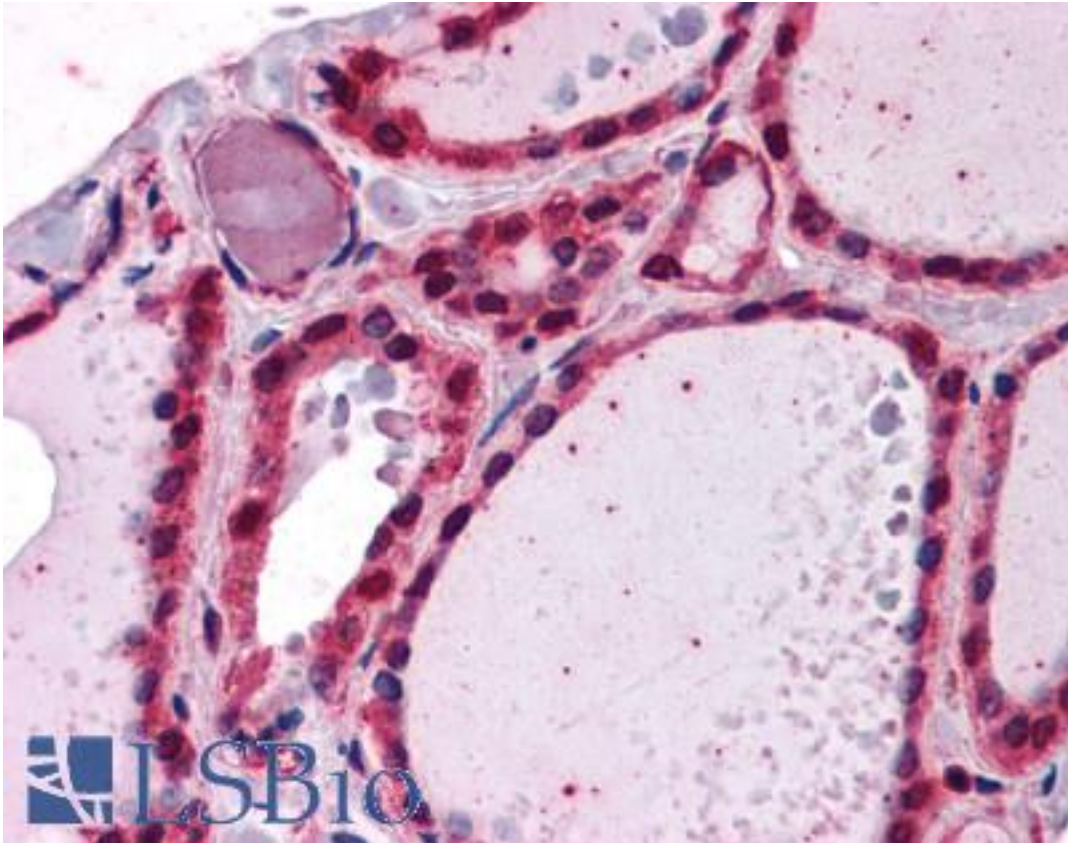


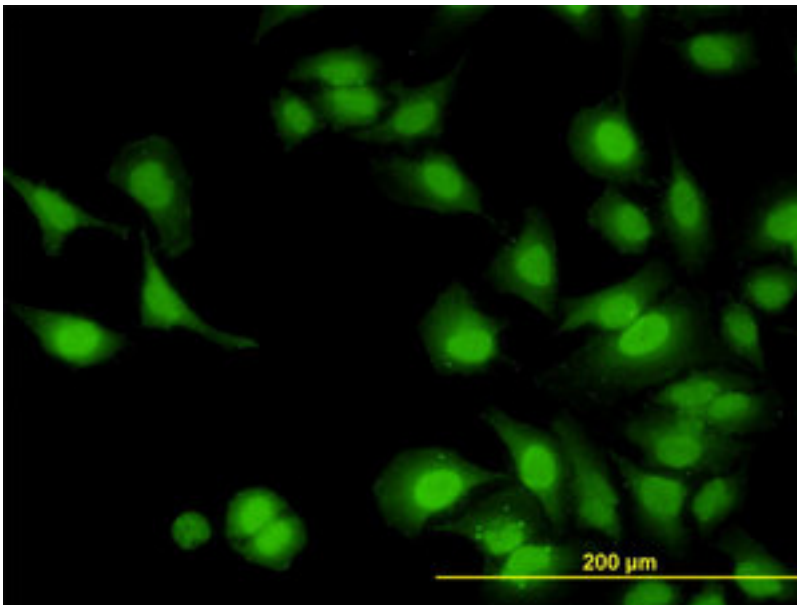
IRAK1 / IRAK Mouse anti-Human Monoclonal (3A9) Antibody - LS-B4361 - LSBio	
CatalogID:	LS-B4361
Validation:	This antibody replaces catalog number LS-C104979. It has been validated for use in the following assays: IHC-P.
Target:	interleukin-1 receptor-associated kinase 1 (IRAK1)
Synonyms:	IRAK1 Antibody, IRAK-1 Antibody, Pelle Antibody, Il1rak Antibody, IRAK Antibody, Pelle homolog Antibody
Family / Subfamily:	Protein Kinase / IRAK(Pelle)
Host	IRAK1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1,k
Clone Name:	3A9
Immunogen Species:	IRAK1 / IRAK antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	IRAK1 / IRAK antibody was raised against iRAK1 (AAH54000, 530 a.a. ~ 693 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Reactivity:	Human
Purification:	Protein A purified
Presentation:	PBS, pH 7.2
Recommended Storage:	Store at -20°C. Aliquot to avoid freeze/thaw cycles.
Usage Summary:	Western Blot (Cell lysate) - positive control A-431. Western Blot (Transfected lysate) - positive control transfected 293T cell line. Immunofluorescence (10 ug/ml) - positive control HeLa cells. Sandwich ELISA (Recombinant protein). RNAi Knockdown (Antibody validated).
Uses:	IHC - Paraffin (5 µg/ml), Immunofluorescence (10 µg/ml), Western blot, Immunoprecipitation, ELISA, RNA interference (Optimal dilution to be determined by the researcher)
Size:	50 µg

Immunohistochemistry Image:



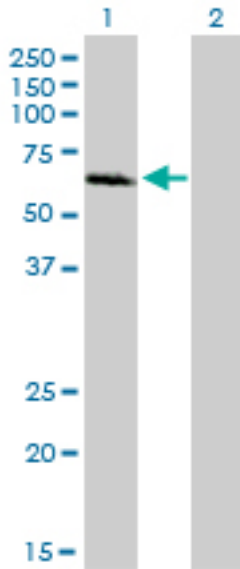
Anti-IRAK1 / IRAK antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4361 concentration 5 ug/ml.

Immunofluorescence Image:



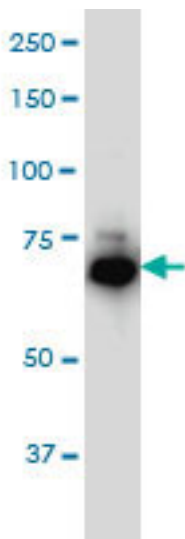
Immunofluorescence of monoclonal antibody to IRAK1 on HeLa cell (antibody concentration 10 ug/ml).

Western Blot Image:



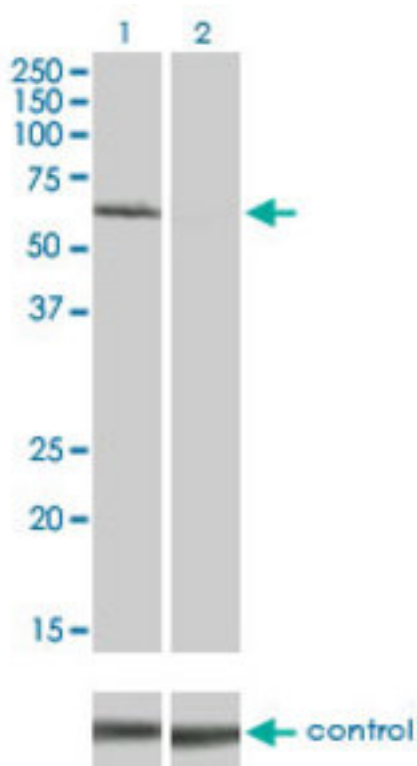
Western blot of IRAK1 expression in transfected 293T cell line by IRAK1 monoclonal antibody clone 3A9.

Western Blot Image:



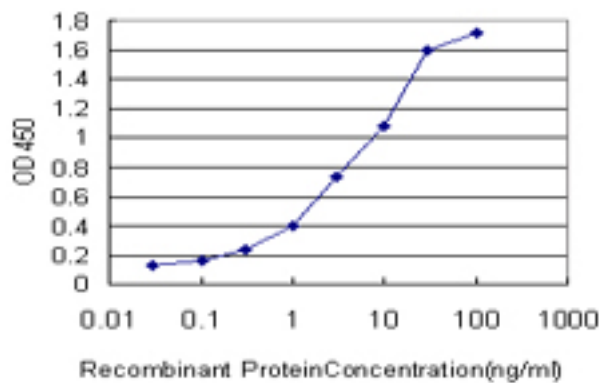
IRAK1 monoclonal antibody clone 3A9 Western blot of IRAK1 expression in A-431.

RNA interference Image:



WB analysis of IRAK1 over-expressed 293 cell line, cotransfected with IRAK1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with IRAK1 MAb clone 3A9. GAPDH (36.1 kD) used as specificity and loading control.

ELISA Image:



Detection limit for recombinant GST tagged IRAK1 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 9/23/2014

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