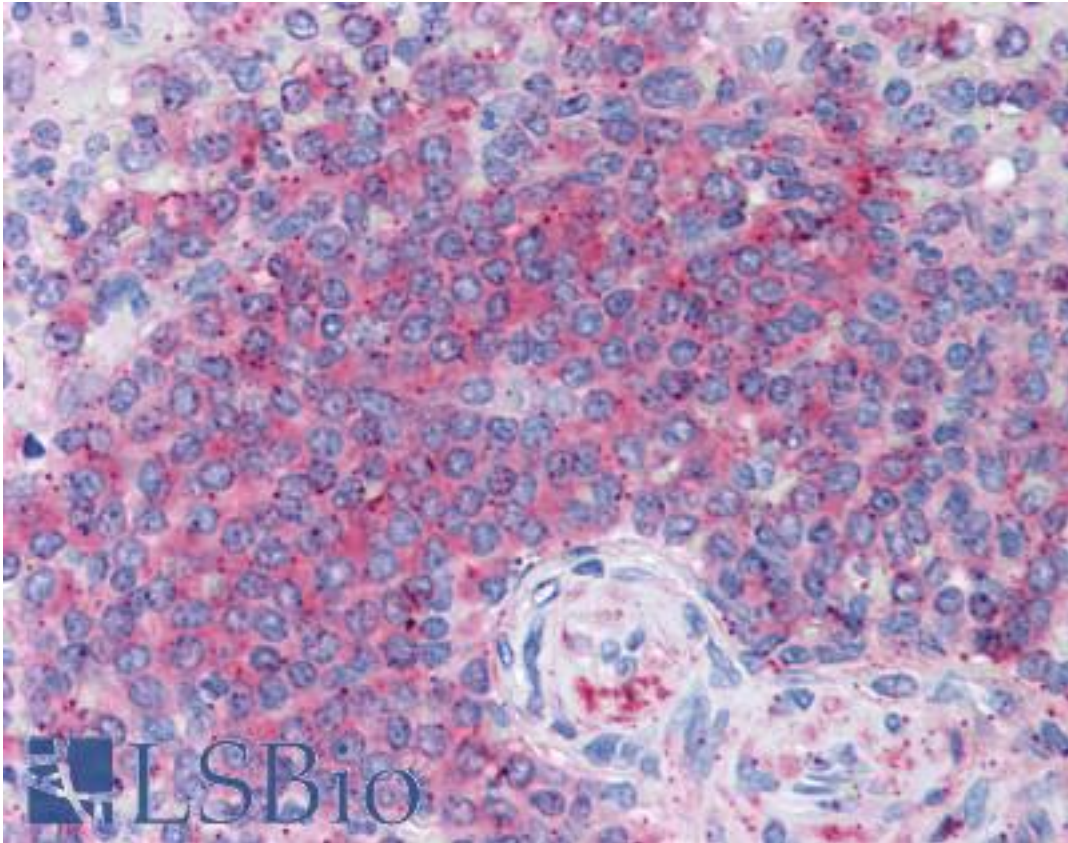


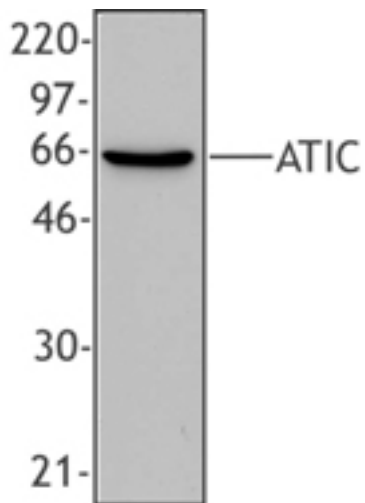
AICAR / ATIC Mouse anti-Human Monoclonal (F38 P7 H9) Antibody - LS-B1662 - LSBio	
CatalogID:	LS-B1662
Validation:	This antibody replaces catalog number LS-C41072. It has been validated for use in the following assays: IHC.
Target:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (ATIC)
Synonyms:	ATIC Antibody, AICAR Antibody, AICARFT Antibody, IMPCHASE Antibody, PURH Antibody
Host	ATIC antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	F38 P7 H9
Immunogen Species:	AICAR / ATIC antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	AICAR / ATIC antibody was raised against synthetic peptide from human ATIC. Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Panda, Dog, Bovine, Horse, Rabbit, Pig, Xenopus, Drosophila, Beetle (100%); Mouse, Rat, Hamster, Bat, Opossum, Turkey, Chicken, Platypus, Stickleback, Mosquito (90%); Elephant, Salmon, Zebrafish, Sea squirt, Sea anemone, Ant, Nematode (80%).
Specificity:	ATIC
Reactivity:	Human, Gorilla, Orangutan, Gibbon, Monkey, Bovine, Dog, Horse, Pig, Rabbit, Xenopus, Drosophila
Predicted Reactivity:	Mouse, Rat, Bat, Hamster, Chicken, Insect
Purification:	Affinity purified
Presentation:	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide at 0.5 mg/ml. Sourced in TCS.
Recommended Storage:	Store at 4°C. Do not freeze.
Usage Summary:	Immunohistochemistry: LS-B1662 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1662 was determined to be 15 ug/ml.
Uses:	IHC - Paraffin (15 µg/ml), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-ATIC antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1662 concentration 15 ug/ml.

Western Blot Image:



Western blot of extract from HeLa cells using anti-ATIC, clone F38P7H9.

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

© 2014 LifeSpan BioSciences