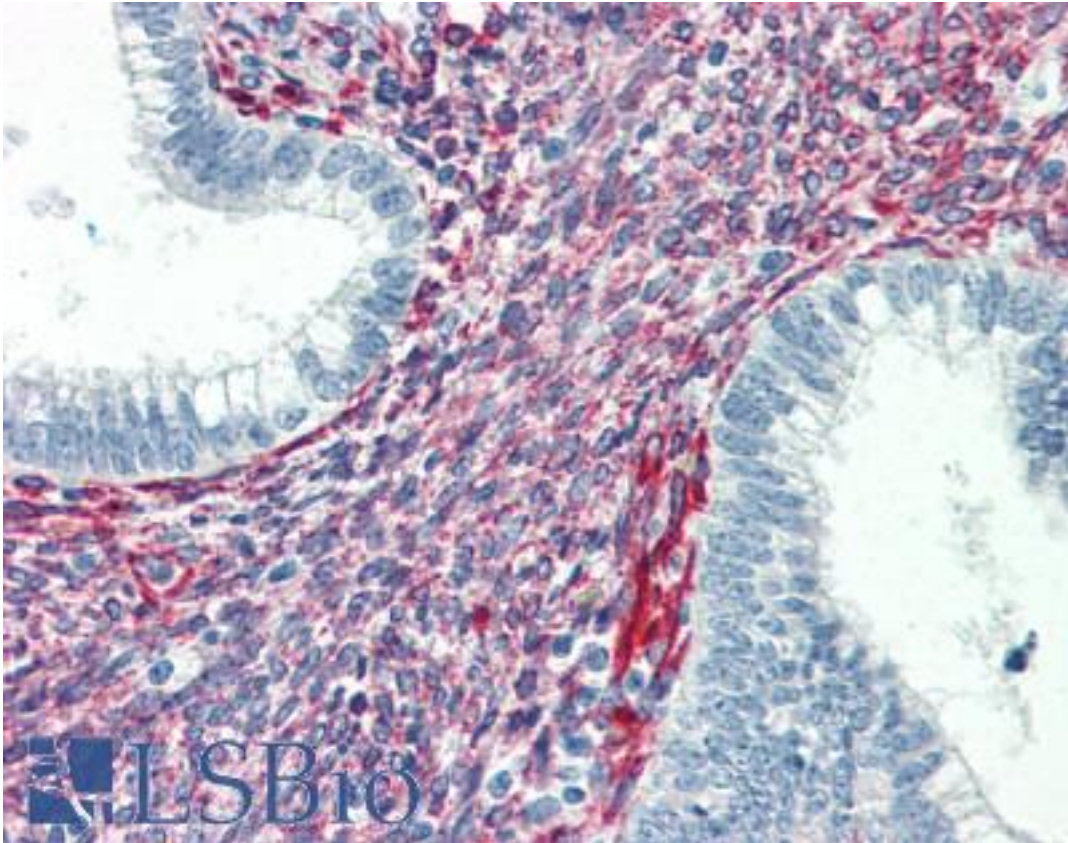


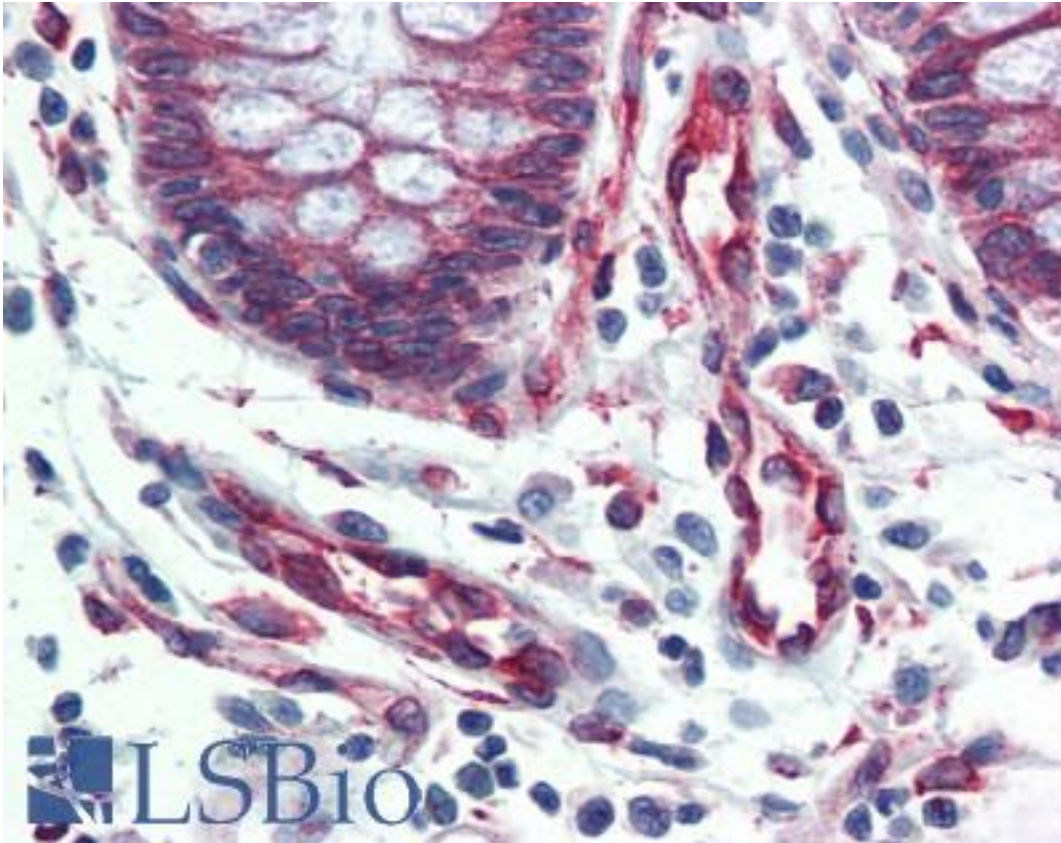
SERPINH1 / HSP47 Mouse anti-Rat Monoclonal Antibody - LS-B3111 - LSBio	
CatalogID:	LS-B3111
Validation:	This antibody replaces catalog number LS-C15722. It has been validated for use in the following assays: IHC-P.
Target:	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) (SERPINH1)
Synonyms:	SERPINH1 Antibody, 47 kDa heat shock protein Antibody, AsTP3 Antibody, Colligin Antibody, Colligin-1 Antibody, Collagen-binding protein Antibody, Colligin-2 Antibody, CBP1 Antibody, HSP47 Antibody, OI10 Antibody, Serpin H1 Antibody, SERPINH2 Antibody, CBP2 Antibody, Collagen-binding protein 1 Antibody, Colligen Antibody, gp46 Antibody, PIG14 Antibody, PPRM Antibody, RA-A47 Antibody
Host	SERPINH1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2b
Immunogen Species:	SERPINH1 / HSP47 antibody was raised against Rat
Antigen Type:	Purified protein
Immunogen:	SERPINH1 / HSP47 antibody was raised against native rat Hsp47 (Colligin) protein.
Specificity:	Recognizes rat HSP47 at ~47kD. Species cross-reactivity: human, monkey, mouse, rabbit, hamster, guinea pig, bovine, canine, sheep, porcine and chicken (weak).
Reactivity:	Rat, Human, Monkey, Mouse, Bovine, Dog, Guinea pig, Hamster, Pig, Rabbit, Sheep, Chicken
Purification:	Protein G purified
Presentation:	Supplied as a liquid in PBS, 0.09% sodium azide, 50% glycerol.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B3111 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-B3111 was determined to be 5 ug/ml. Positive control: HeLa Heat Shocked Cell Lysate.
Uses:	IHC - Paraffin (5 µg/ml), Western blot, ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-SERPINH1 / HSP47 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3111 concentration 5 ug/ml.

Immunohistochemistry Image:



Anti-SERPINH1 / HSP47 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3111 concentration 5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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

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