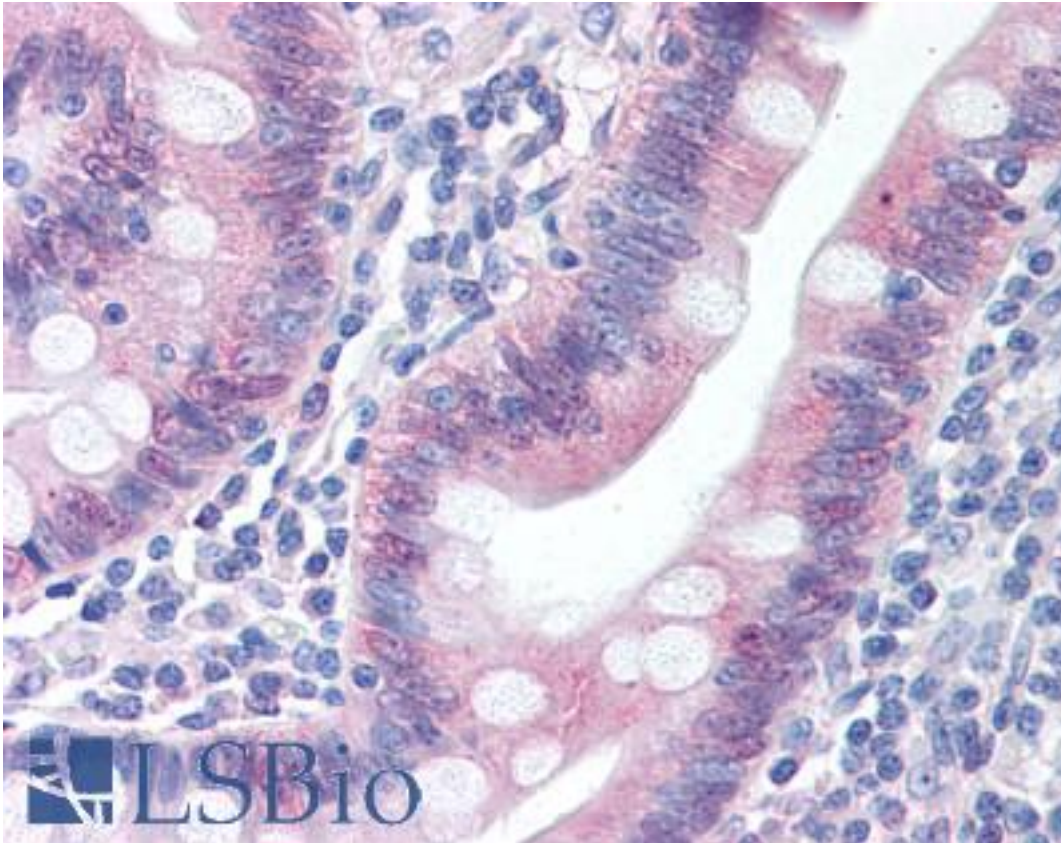


CASP1 / Caspase 1 Mouse anti-Human Monoclonal (aa371-390) (14F468) Antibody - LS-B112 - LSBio	
CatalogID:	LS-B112
Validation:	This antibody replaces catalog number LS-C504. It has been validated for use in the following assays: IHC.
Target:	caspase 1, apoptosis-related cysteine peptidase (CASP1)
Synonyms:	CASP1 Antibody, Caspase-1 Antibody, CASP-1 Antibody, CASP1 nirs variant 1 Antibody, Caspase 1 Antibody, ICE Antibody, ICE-like protease Antibody, IL-1 beta -converting enzyme Antibody, IL-1BC Antibody, IL1BC Antibody, IL1BCE Antibody, p45 Antibody, IL1B-convertase Antibody, Interleukin-1 beta convertase Antibody
Family / Subfamily:	Protease / Cysteine C14
Host	CASP1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	14F468
Immunogen Species:	CASP1 / Caspase 1 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	CASP1 / Caspase 1 antibody was raised against synthetic peptide from human CASP1 / Caspase 1.
Specificity:	A synthetic peptide corresponding to amino acids 371-390 RQVRFSEQPDGRAQMPTTE of human caspase-1 was used as immunogen. It will cross-react with mouse and rat Caspase-1, based on NCBI BLAST.
Epitope:	aa371-390
Reactivity:	Human, Gorilla, Gibbon
Predicted Reactivity:	Rat, Bat
Purification:	Protein G purified
Presentation:	PBS, 0.05% BSA, 0.05% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B112 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-B112 was determined to be 20 µg/ml.
Uses:	IHC - Paraffin (20 µg/ml), Western blot (0.5 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-Caspase 1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B112 concentration 20 ug/ml.

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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