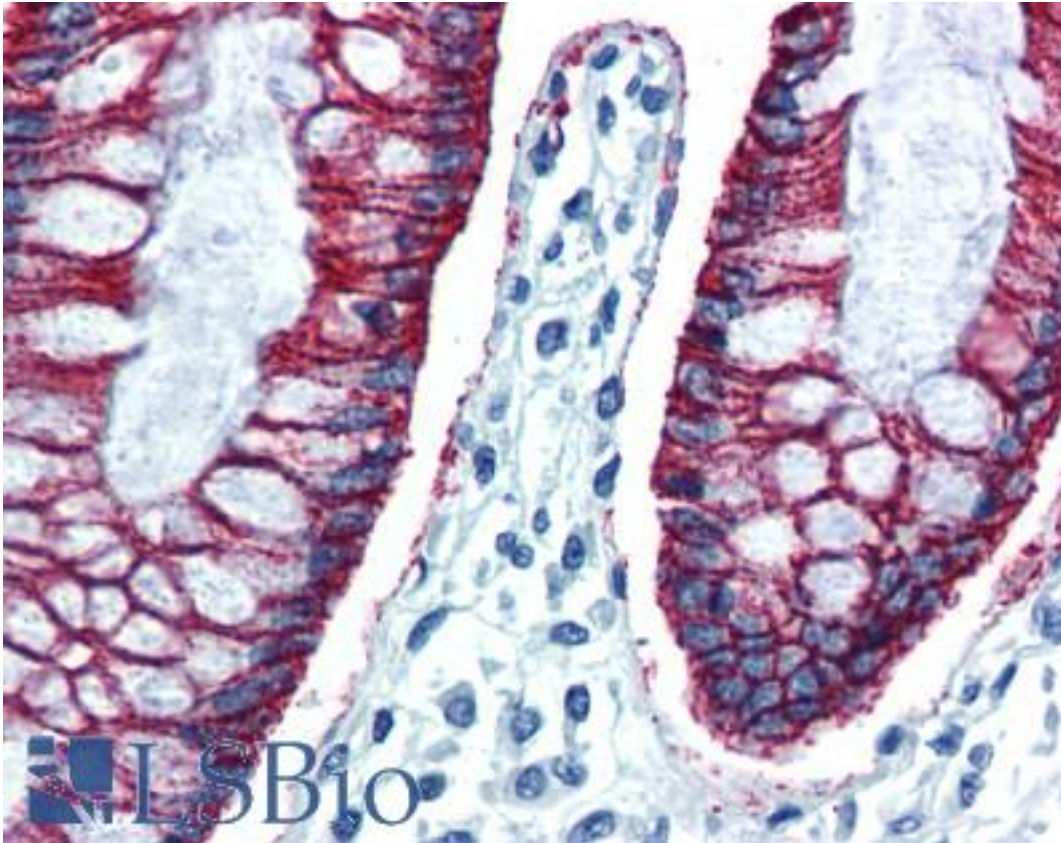


CLDN7 / Claudin 7 Mouse anti-Human Monoclonal (C-Terminus) Antibody - LS-B2918 - LSBio	
CatalogID:	LS-B2918
Validation:	This antibody replaces catalog number LS-C6162. It has been validated for use in the following assays: IHC-P.
Target:	claudin 7 (CLDN7)
Synonyms:	CLDN7 Antibody, Claudin-7 Antibody, Claudin-1 Antibody, CLDN-7 Antibody, Hs.84359 Antibody, CEPTRL2 Antibody, Claudin 7 Antibody, CPETRL2 Antibody
Family / Subfamily:	Claudin / not assigned-Claudin
Host	CLDN7 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a,k
Immunogen Species:	CLDN7 / Claudin 7 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	CLDN7 / Claudin 7 antibody was raised against synthetic peptide derived from the C-terminal region of the human Claudin-7 protein.
Specificity:	Specific for the claudin-7 protein and does not cross-react with Claudin-3 or -4. On Western blots, it identifies a band at ~22kD. Reactivity has been confirmed with T47D cells by Western blotting and with formalin-fixed, paraffin-embedded human breast cancer tissues by immunohistochemistry.
Epitope:	C-Terminus
Reactivity:	Human
Purification:	Protein A purified
Presentation:	PBS, pH 7.4, 0.1% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2918 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-B2918 was determined to be 10 ug/ml. Positive control: Western Blot: T47D cells.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1 µg/ml), Immunoprecipitation, ELISA (0.1 - 1 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-CLDN7 / Claudin-7 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2918 concentration 10 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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