

CLDN7 / Claudin 7 Mouse anti-Human Monoclonal (C-Terminus) Antibody - LS-B2918 - LSBio	
<b>CatalogID:</b>	LS-B2918
<b>Validation:</b>	This antibody replaces catalog number LS-C6162.
<b>Target:</b>	claudin 7 (CLDN7)
<b>Synonyms:</b>	CLDN7 Antibody, Claudin-7 Antibody, Claudin-1 Antibody, CLDN-7 Antibody, Hs.84359 Antibody, CEPTRL2 Antibody, Claudin 7 Antibody, CPETRL2 Antibody
<b>Family / Subfamily:</b>	Claudin / not assigned-Claudin
<b>Host</b>	CLDN7 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2a,k
<b>Immunogen Species:</b>	CLDN7 / Claudin 7 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	CLDN7 / Claudin 7 antibody was raised against synthetic peptide derived from the C-terminal region of the human Claudin-7 protein.
<b>Specificity:</b>	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.
<b>Epitope:</b>	C-Terminus
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	PBS, pH 7.4, 0.1% sodium azide.
<b>Recommended Storage:</b>	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
<b>Usage Summary:</b>	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.
<b>Uses:</b>	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)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Requested From:</b>	Czech Republic

Laboratory Reagent For In Vitro Research Use Only

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Created on 3/24/2015

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