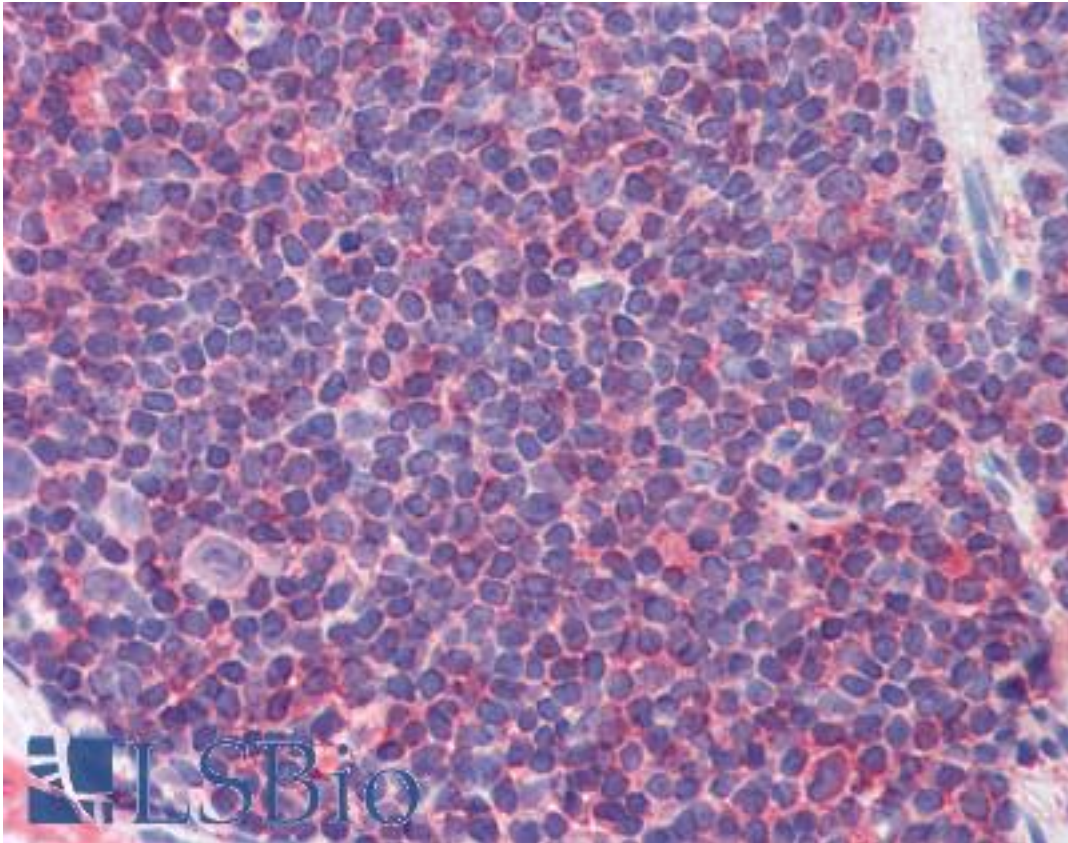


IL7R / CD127 Rabbit anti-Mouse Polyclonal (pTyr449) Antibody - LS-B2831 - LSBio

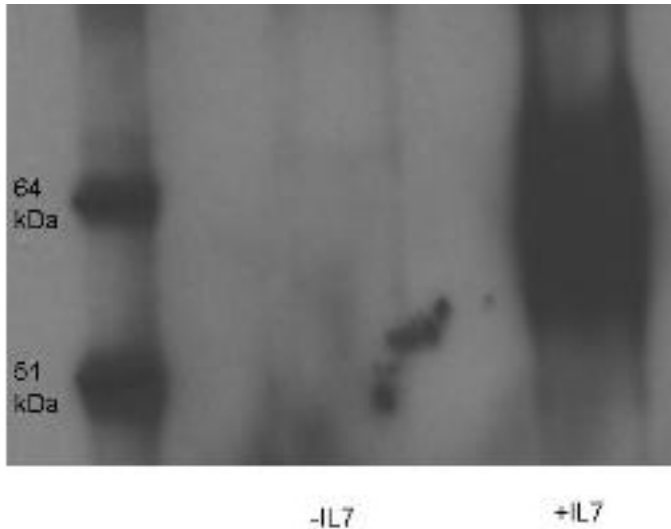
CatalogID:	LS-B2831
Validation:	This antibody replaces catalog number LS-C60126. It has been validated for use in the following assays: IHC-P.
Target:	interleukin 7 receptor (IL7R)
Synonyms:	IL7R Antibody, CD127 Antibody, CD127 antigen Antibody, IL-7RA Antibody, IL-7 receptor subunit alpha Antibody, IL7RA Antibody, ILRA Antibody, Interleukin 7 receptor Antibody, CDW127 Antibody, IL-7R subunit alpha Antibody, IL-7R-alpha Antibody
Family / Subfamily:	Interleukin
Host	IL7R antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	IL7R / CD127 antibody was raised against Mouse
Antigen Type:	Synthetic peptide
Immunogen:	IL7R / CD127 antibody was raised against synthetic peptide corresponding to residues near Y449 of mouse IL-7 protein.
Specificity:	A BLAST analysis was used to suggest cross-reactivity with IL-7R from human, mouse and rat sources based on 100% homology with the immunizing sequence. Cross-reactivity with IL-7R from other sources has not been determined.
Epitope:	pTyr449
Reactivity:	Mouse, Human, Rat
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B2831 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-B2831 was determined to be 5 ug/ml. Western Blot: Expect a band approximately 55 kD in size corresponding to phosphorylated IL-7 in the appropriate cell lysate or extract. This phospho-specific polyclonal antibody reacts with mouse IL-7 pY449 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (1:1000 - 1:10000), ELISA (1:100000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-IL-7 Receptor antibody IHC of human colon, MALT. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2831 concentration 5 ug/ml.

Western Blot Image:



Anti-IL-7 Receptor alpha chain pY449 - Western Blot. Anti-IL-7 Receptor alpha chain pY449 in immunoprecipitation and Western blot. Lysates were prepared from thymocyte D1 cells treated with or without IL7 (50 ng/ml), and immunoprecipitated with anti-Phosphotyrosine conjugated to Protein G agarose. After washing and boiling, the supernatant was separated by SDS-PAGE and transferred to nitrocellulose. Western Blot analysis was performed using anti-IL7 receptor pY449, diluted 1:10000 in BSA, incubated overnight at 4°C. The proteins were visualized using an HRP-conjugated goat anti-rabbit antibody and ECL detection.

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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