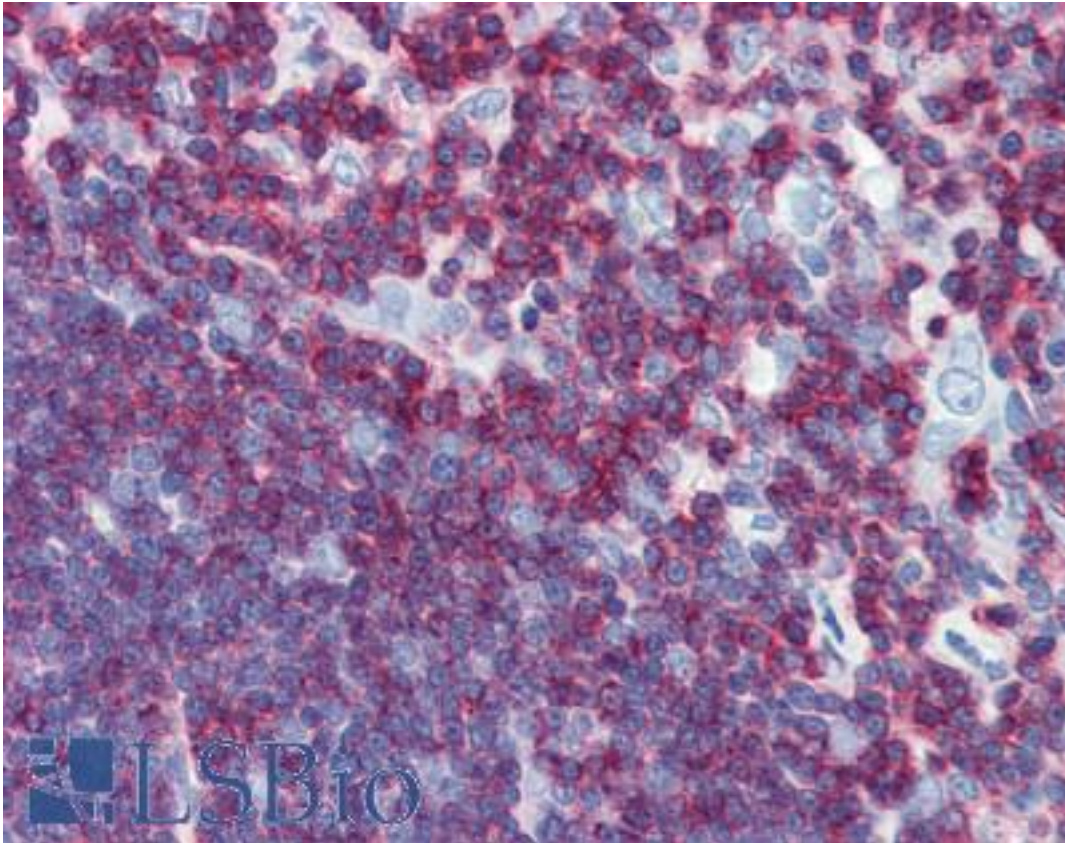


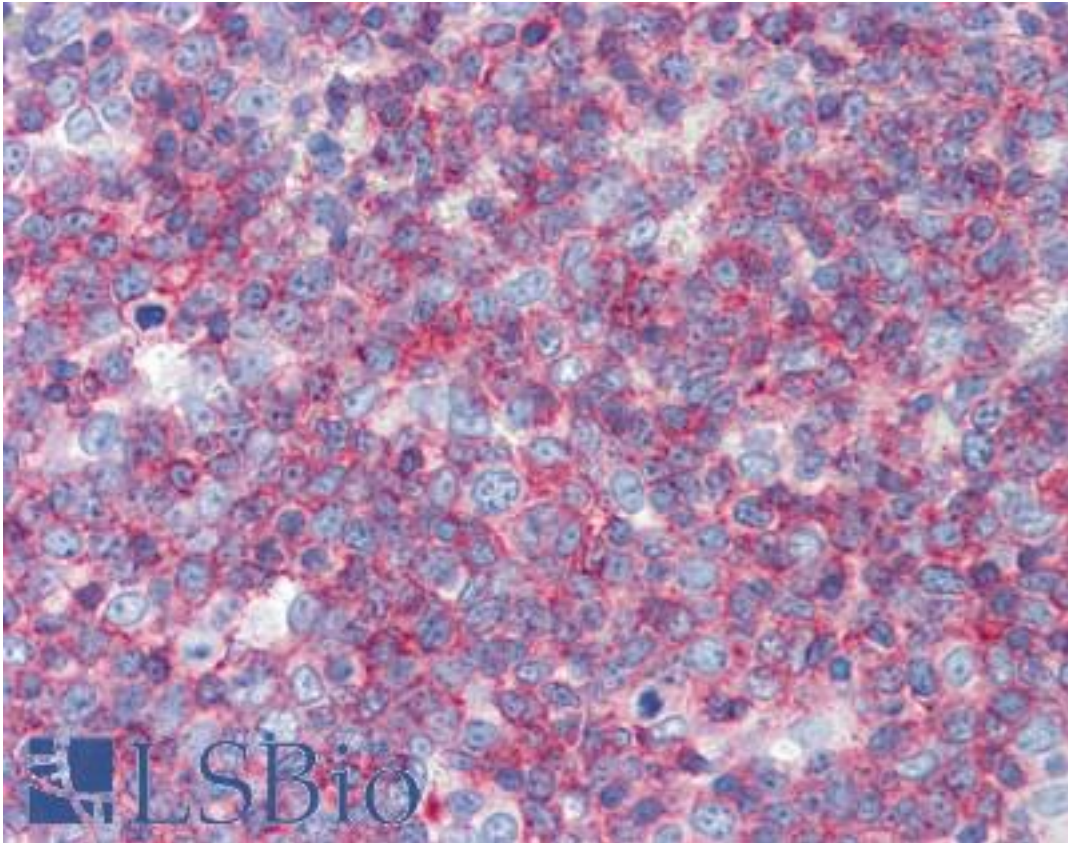
CD45 Mouse anti-Human Monoclonal (aa1029-1249) (3G4) Antibody - LS-B2941 - LSBio	
CatalogID:	LS-B2941
Validation:	This antibody replaces catalog number LS-C93717. It has been validated for use in the following assays: IHC-P.
Target:	protein tyrosine phosphatase, receptor type, C (PTPRC)
Synonyms:	PTPRC Antibody, B220 Antibody, CD45R Antibody, CD45 Antibody, gp180 Antibody, Leukocyte common antigen Antibody, L-CA Antibody, Leucocyte common antigen Antibody, LY5 Antibody, T200 Antibody, T200 glycoprotein Antibody, T200 leukocyte common antigen Antibody, CD45 antigen Antibody, LCA Antibody
Family / Subfamily:	Protein Phosphatase / R1/R6
Host	PTPRC antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a
Clone Name:	3G4
Immunogen Species:	CD45 antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	CD45 antibody was raised against recombinant human CD45 (1029-1249aa) purified from <i>E. coli</i> .
Epitope:	aa1029-1249
Reactivity:	Human
Purification:	Protein G purified
Presentation:	PBS, pH 7.4, 0.1% sodium azide. Sourced in Ascites.
Recommended Storage:	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2941 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-B2941 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1:1000 - 1:3000), ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



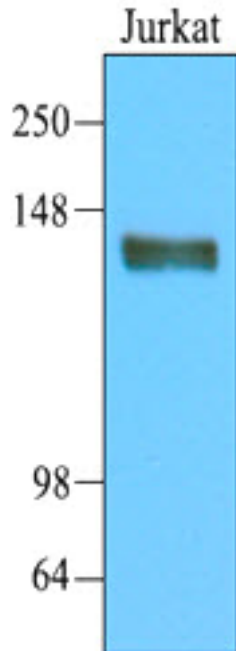
Anti-CD45 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2941 concentration 10 ug/ml.

Immunohistochemistry Image:



Anti-CD45 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2941 concentration 10 ug/ml.

Western Blot Image:



Cell lysates of Jurkat(20 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human CD45 (1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

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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