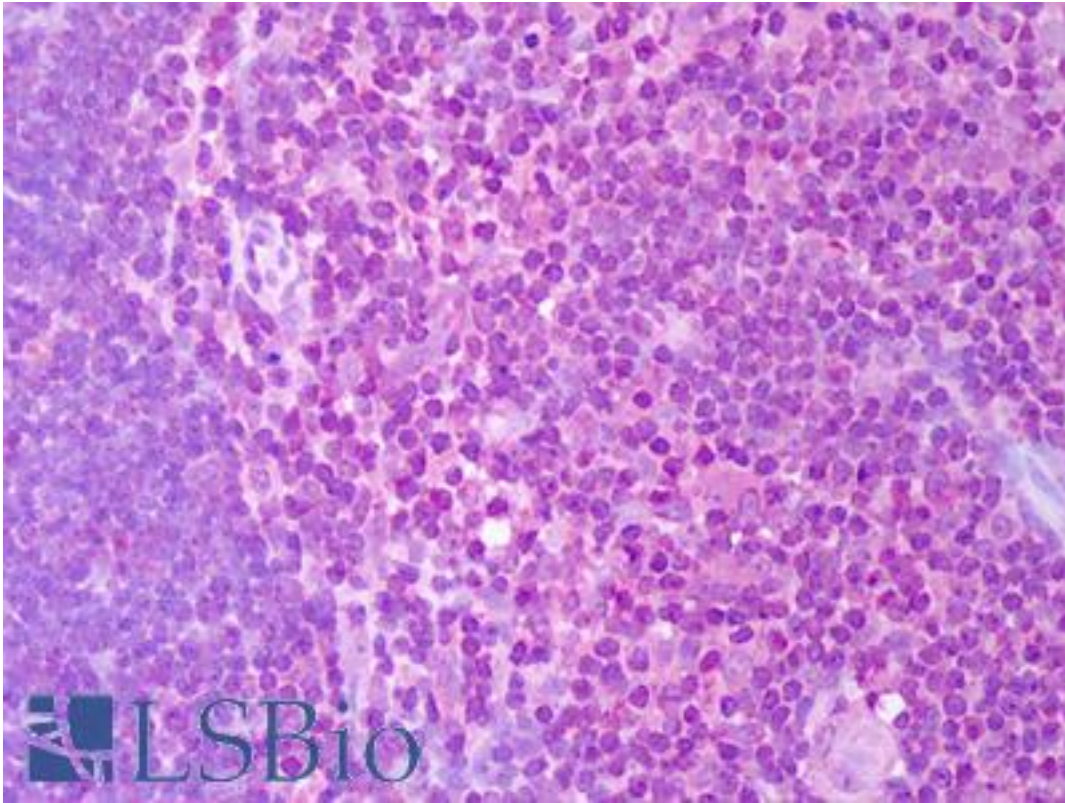


### IL2 Goat anti-Human Polyclonal Antibody - LS-B7472 - LSBio

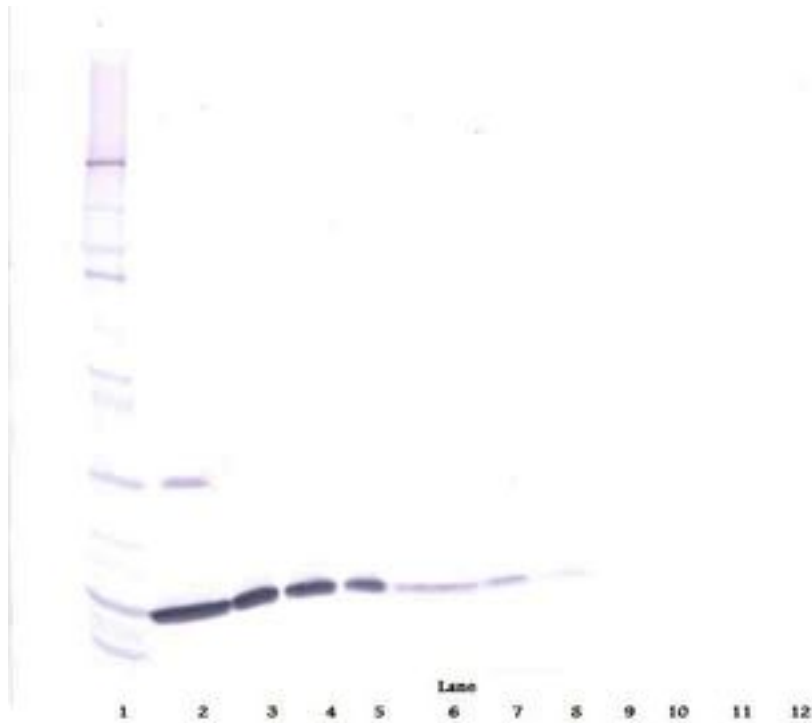
<b>CatalogID:</b>	LS-B7472
<b>Validation:</b>	This antibody replaces catalog number LS-C104730. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	interleukin 2 (IL2)
<b>Synonyms:</b>	IL2 Antibody, Aldesleukin Antibody, Interleukin 2 Antibody, Lymphokine Antibody, IL-2 Antibody, Interleukin-2 Antibody, TCGF Antibody, T cell growth factor Antibody, T-cell growth factor Antibody
<b>Family / Subfamily:</b>	Interleukin
<b>Host</b>	IL2 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	IL2 antibody was raised against Human
<b>Antigen Type:</b>	Cell extract
<b>Immunogen:</b>	IL2 antibody was raised against e.coli derived recombinant Human IL-2.
<b>Specificity:</b>	Human IL-2
<b>Reactivity:</b>	Human
<b>Purification:</b>	Immunoaffinity purified
<b>Reconstitution:</b>	Sterile water
<b>Presentation:</b>	Lyophilized from PBS, pH 7.2
<b>Recommended Storage:</b>	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B7472 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 ug/ml is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hIL-2 (2 ng/ml), a concentration of 0.12-0.16 ug/ml of this antibody is required. ELISA: To detect hIL-2 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5-2 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human IL-2 (LS-C104359) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-2. Western Blot: To detect hIL-2 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-2 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot, ELISA, Neutralization (0.12 - 0.16 µg/ml), Sandwich ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg

**Immunohistochemistry Image:**



Anti-IL-2 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7472 concentration 5 ug/ml.

**Western Blot Image:**



Western Blot (reducing) of IL-2 antibody LS-B7472

**ELISA Image:**



Sandwich ELISA of IL-2 antibody LS-B7472

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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