

## Rabbit IL2 Polyclonal Antibody | anti-IL2 antibody

IL2 Rabbit Polyclonal Antibody

|                              |                       |                                        |                                                           |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA30640</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

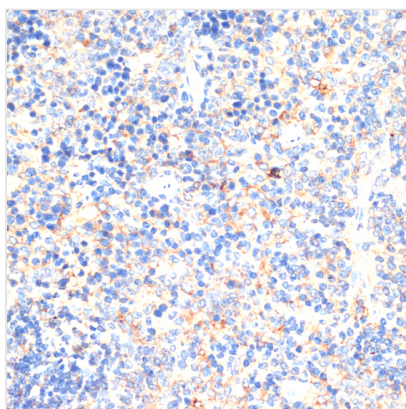
### PRODUCT SYNONYMS

IL2; Polyclonal Antibody; IL2 Rabbit Polyclonal Antibody; IL-2; TCGF; lymphokine; anti-IL2 antibody

### PRODUCT SPECIFICATIONS

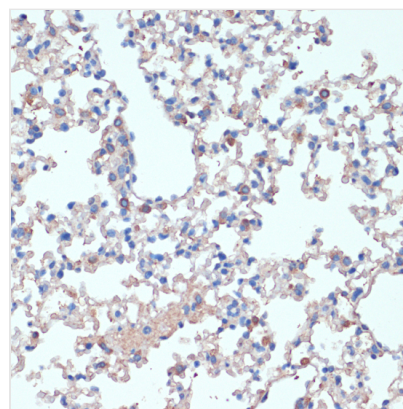
|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| Host                                          | Rabbit                                                    |
| Reactivity                                    | Human, Mouse, Rat                                         |
| Clonality                                     | Polyclonal                                                |
| Isotype                                       | IgG                                                       |
| Purity/Purification                           | Affinity purification                                     |
| Form/Format                                   | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-IL2 antibody | WB (Western Blot), IHC (Immunohistochemistry)             |
| Application Notes                             | WB: 1:500-1:2000<br>IHC: 1:50-1:200                       |
| Immunogen                                     | Recombinant protein of human IL2                          |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES



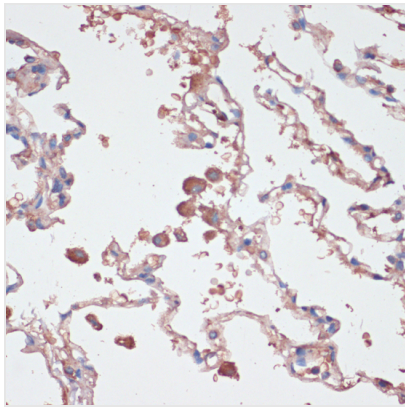
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using IL2 at dilution of 1:100 (40x lens).



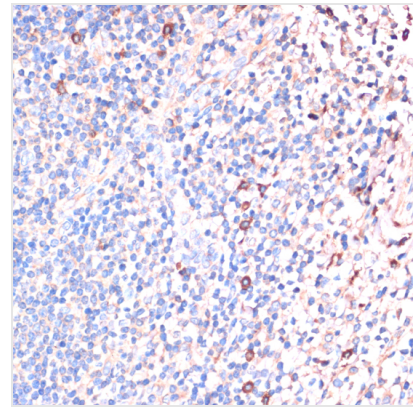
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using IL2 at dilution of 1:100 (40x lens).



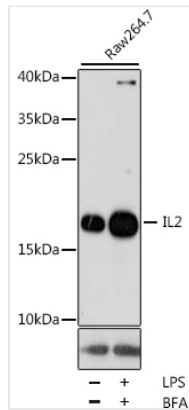
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung using IL2 at dilution of 1:100 (40x lens).



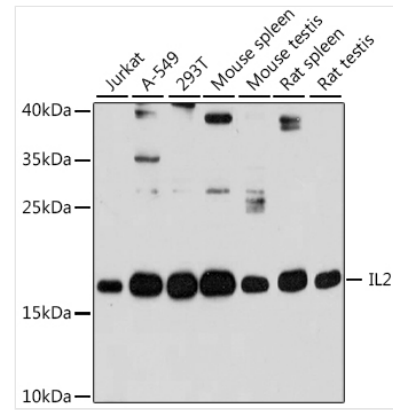
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using IL2 at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of Raw264.7 cells, using IL2 at 1:1000 dilution. Raw264.7 cells were treated by LPS for 6 hours and Brefeldin A for 3 hours of stimulation.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IL2 at 1:1000 dilution.

## ADDITIONAL INFORMATION

### Related Product Information for anti-IL2 antibody

The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.

### Product Categories/Family for anti-IL2 antibody

[Primary Antibody](#)

## NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | <a href="#">28178861</a>                        |
| NCBI GeneID                      | <a href="#">3558</a>                            |
| NCBI Accession #                 | <a href="#">NP_000577.2</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000586.3</a>                     |
| UniProt Accession #              | <a href="#">P60568</a> ; <a href="#">P01585</a> |
| Molecular Weight                 | 17,628 Da                                       |
| NCBI Official Full Name          | interleukin-2                                   |
| NCBI Official Synonym Full Names | interleukin 2                                   |

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI Official Symbol          | IL2                                                                                                 |
| NCBI Official Synonym Symbols | IL-2; TCGF; lymphokine                                                                              |
| NCBI Protein Information      | interleukin-2; aldesleukin; T cell growth factor; involved in regulation of T-cell clonal expansion |
| UniProt Protein Name          | Interleukin-2                                                                                       |
| UniProt Gene Name             | <b>IL2</b>                                                                                          |
| UniProt Synonym Gene Names    | IL-2; TCGF                                                                                          |
| UniProt Entry Name            | IL2_HUMAN                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/il2-antibody-western-blot-immunohistochemistry-elisa/30640>