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888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-Interleukin-2 IL2 Antibody Picoband®

**Catalog Number:** PA1466

## About Il2

IL-2, Interleukin-2, formerly referred to as T-cell growth factor, is a powerfully immunoregulatory lymphokine that is produced by lectin-or antigen-activated T cells. In situ hybridization, the IL-2 gene is assigned to 4q26-q28. IL2 can act as a growth hormone for both B and T lymphocytes. It is useful in the study of the molecular nature of T-cell differentiation and, like interferons, augments natural killer cell activity.

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## Overview

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|---|---|
| Product Name | Anti-Interleukin-2 IL2 Antibody Picoband® |
| Reactive Species | Mouse |
| Description | Boster Bio Anti-Interleukin-2 IL2 Antibody catalog # PA1466. Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application | WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.<br>*This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P04351 |

## Technical Details

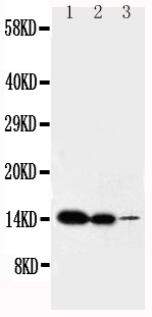
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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of mouse IL-2. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.1-0.5ug/ml, Mouse |

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# Anti-Interleukin-2 IL2 Antibody Picoband® (PA1466) Images




Anti-IL-2 antibody, PA1466, Western blottingLane 1: Recombinant Mouse IL-2 Protein 10ng Lane 2: Recombinant Mouse IL-2 Protein 5ngLane 3: Recombinant Mouse IL-2 Protein 2.5ng

## 8 Publications Citing This Product

1. PubMed ID: 25881060, Hu W,, Jing P, Wang L, Zhang Y, Yong J, Wang Y. Bmc Complement Altern Med. 2015 Apr 15;15:119. Doi: 10.1186/S12906-015-0642-3. The Positive Effects Of Ginsenoside Rg1 Upon The Hematopoietic Microenvironment In A D-Galactose-Induced Aged Rat Model.

2. PubMed ID: 26002283, Xie Ft, Cao Js, Zhao J, Yu Y, Qi F, Dai Xc. Transpl Immunol. 2015 Oct;33(2):69-77. Doi: 10.1016/J.Trim.2015.05.003. Epub 2015 May 20. Ido Expressing Dendritic Cells Suppress Allograft Rejection Of Small Bowel Transplantation In Mice By Expansion O...

3. PubMed ID: 26064167, Gong T, Wang Cf, Yuan Jr, Li Y, Gu Jf, Zhao Bj, Zhang L, Jia Xb, Feng L, Liu Sl. Evid Based Complement Alternat Med. 2015;2015:630760. Doi: 10.1155/2015/630760. Epub 2015 May 3. Inhibition Of Tumor Growth And Immunomodulatory Effects Of Flavonoids...

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Anti-Interleukin-2 IL2 Antibody

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