

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.

Overview

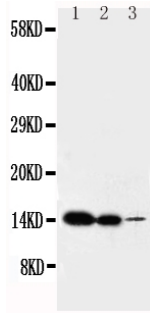
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| Product Name | Anti-Interleukin-2 IL2 Antibody Picoband® |
| Reactive Species | Mouse |
| Description | Boster Bio Anti-Interleukin-2 IL2 Antibody catalog # PA1466. Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates 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 Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *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 |

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| 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 |

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



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

8 Publications Citing This Product

1. PubMed ID: 25667679, Chen B, Liu L, Xu H, Yang Y, Zhang L, Zhang F. Exp Ther Med. 2015 Mar;9(3):1063-1067. Epub 2015 Jan 26. Effectiveness Of Immune Therapy Combined With Chemotherapy On The Immune Function And Recurrence Rate Of Cervical Cancer.
2. PubMed ID: 22594905, Zhong B, Shen H, Sun X, Wang H, Zhang Y, Sun Z. Cancer Biother Radiopharm. 2012 May;27(4):252-8. Doi: 10.1089/Cbr.2011.1105. Additive Effects Of Ulinastatin And Docetaxel On Growth Of Breast Cancer Xenograft In Nude Mice And Expression Of Pge2, Il...
3. PubMed ID: 28902929, Women with Recurrent Miscarriage Have Decreased Expression of 25-Hydroxyvitamin D3-1?-Hydroxylase by the Fetal-Maternal Interface

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