

Anti-Interleukin-2 IL2 Antibody

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

Product Name	Anti-Interleukin-2 IL2 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-Interleukin-2 IL2 Antibody catalog # PA1466. Tested in WB applications. This antibody reacts with Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse IL-2.
Predicted Reactive Species	Chicken
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

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

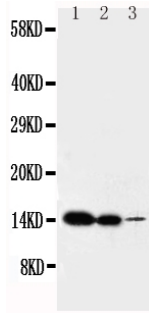
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blot, 0.1-0.5ug/ml, Mouse

Anti-Interleukin-2 IL2 Antibody (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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