

## Product datasheet

# Biotin Anti-IL-2 antibody ab271228

[2 Images](#)

### Overview

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<b>Product name</b>	Biotin Anti-IL-2 antibody
<b>Description</b>	Biotin Rabbit polyclonal to IL-2
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> WB, Sandwich ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment
<b>Immunogen</b>	Recombinant fragment corresponding to Human IL-2 aa 1-200. Database link: <a href="#">P60568</a>

 [Run BLAST with](#)

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### General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### Properties

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<b>Form</b>	Lyophilized:Reconstitute in sterile PBS with 0.1% BSA to 0.1 - 1.0 mg/ml.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Store In the Dark.
<b>Storage buffer</b>	Constituents: PBS, 0.1% BSA
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab271228 in the following tested applications.

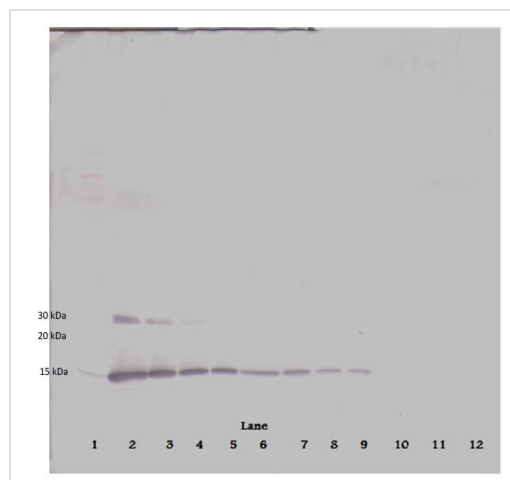
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 17 kDa.
Sandwich ELISA		Use at an assay dependent concentration.

## Target

<b>Function</b>	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.
<b>Sequence similarities</b>	Belongs to the IL-2 family.
<b>Cellular localization</b>	Secreted.

## Images

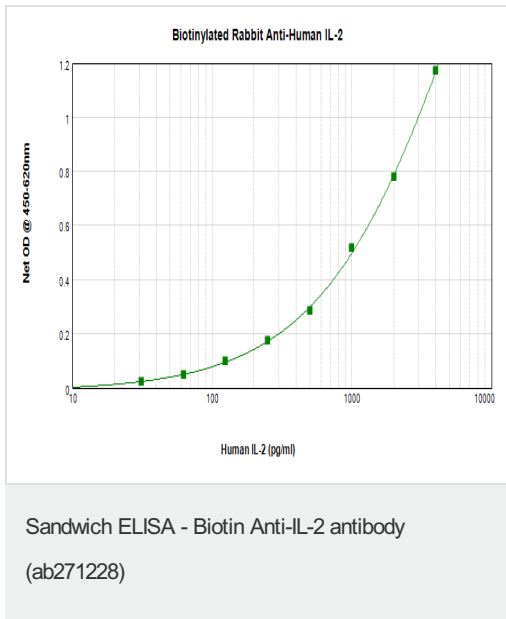


Western blot - Biotin Anti-IL-2 antibody (ab271228)

Western blot analysis of varying levels of Recombinant human IL-2 protein using ab271228 at 0.1 µg/ml.

Used in conjunction with compatible secondary reagents the detection limit for recombinant IL-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Lane	ng/lane
1	Marker
2	250
3	125
4	62.5
5	31.25
6	15.625
7	7.8
8	3.9
9	1.95
10	0.975
11	0.4875
12	0.24



Human hIL-2 was detected by sandwich ELISA (using 100µl/well) using a concentration of 0.25-1.0 µg/ml of ab271228. This antibody in conjunction with an appropriate capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hIL-2 protein.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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