

Product datasheet

Anti-IL-2 antibody [B-G5] ab47194

Overview

Product name	Anti-IL-2 antibody [B-G5]
Description	Mouse monoclonal [B-G5] to IL-2
Host species	Mouse
Specificity	This antibody is specific for both natural and recombinant IL2.
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human IL-2. Database link: P60568

Positive control

[Purchase matching WB positive control:
Recombinant human IL-2 protein >](#)

General notes

Blocks IL2 induced proliferation on CTL-L2 murine cell line.

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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.3 Constituent: PBS
Purity	Ion Exchange Chromatography
Purification notes	Sterile filtered through 0.22 µm and treated to remove endotoxins. Carrier and preservative free.
Clonality	Monoclonal
Clone number	B-G5

Myeloma	x63-Ag8.653
Isotype	IgG1

Target

Function	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.
Involvement in disease	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.
Sequence similarities	Belongs to the IL-2 family.
Cellular localization	Secreted.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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