

Product datasheet

Anti-IL-2 antibody [B-G5] - BSA and Azide free ab47194

Overview

Product name	Anti-IL-2 antibody [B-G5] - BSA and Azide free
Description	Mouse monoclonal [B-G5] to IL-2 - BSA and Azide free
Host species	Mouse
Specificity	This antibody is specific for both natural and recombinant IL2.
Tested applications	Suitable for: Flow Cyt, WB
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: 7.30 Constituent: 100% PBS
Carrier free	Sterile-filtered through 0.22 µm. Carrier and preservative free Yes
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
Light chain type	kappa

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab47194 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
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

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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