

Anti-IL-2 antibody [AP-MAB0844] ab80681

1 References

Overview

Product name	Anti-IL-2 antibody [AP-MAB0844]
Description	Rat monoclonal [AP-MAB0844] to IL-2
Host species	Rat
Tested applications	Suitable for: IHC-Fr, IP, Flow Cyt, Neutralising
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length protein corresponding to Mouse IL-2.
General notes	<p>Endotoxin Level: Extremely low level of LPS (< 0.002EU/μg IgG).</p> <p>ab80681 was produced by <i>in vitro</i> culture, from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).</p> <p>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.</p> <p>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</p>

Properties

Form	Lyophilized:Reconstitute with 1 ml sterile PBS.
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: PBS
Purity	Protein A purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein A affinity chromatography.
Primary antibody notes	ab80681 was produced by <i>in vitro</i> culture, from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).
Clonality	Monoclonal

Clone number	AP-MAB0844
Isotype	IgG2

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab80681 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
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration. ab80681 can be used for neutralizing mouse IL2 in vitro.

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.

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