

## Product datasheet

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

### 1 References

#### Overview

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<b>Product name</b>	Anti-IL-2 antibody [AP-MAB0844]
<b>Description</b>	Rat monoclonal [AP-MAB0844] to IL-2
<b>Host species</b>	Rat
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant full length protein corresponding to Mouse IL-2.
<b>General notes</b>	<p>Endotoxin Level: Extremely low level of LPS (&lt; 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>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&amp;As.</p>

#### Properties

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<b>Form</b>	Lyophilized:Reconstitute with 1 ml sterile PBS.
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	The IgG fraction of culture supernatant was purified by Protein A affinity chromatography.
<b>Primary antibody notes</b>	ab80681 was produced by <i>in vitro</i> culture, from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	AP-MAB0844
<b>Isotype</b>	IgG2

## Target

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<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.

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