

Product datasheet

Anti-IL2 antibody [AP-MAB0844] ab80681

Overview

Product name	Anti-IL2 antibody [AP-MAB0844]
Description	Rat monoclonal [AP-MAB0844] to IL2
Host species	Rat
Tested applications	Suitable for: IP, IHC-Fr, Neutralising, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant mouse IL2
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>

Properties

Form	Lyophilised: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	Preservative: None Constituents: 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

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
IP		1/400.
IHC-Fr		1/50.
Neutralising		Use at an assay dependent concentration. ab80681 can be used for neutralizing mouse IL2 <i>in vitro</i> .
Flow Cyt		1/100 - 1/200.

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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