

Product datasheet

Anti-IL2 antibody [I2-C7] ab20081

Overview

Product name	Anti-IL2 antibody [I2-C7]
Description	Rat monoclonal [I2-C7] to IL2
Host species	Rat
Tested applications	Suitable for: ELISA, Blocking
Species reactivity	Reacts with: Mouse Does not react with: Rat, Human
Immunogen	IL2 purified from Con A activated T cell supernatant (Mouse).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Purity	Protein A purified
Clonality	Monoclonal
Clone number	I2-C7
Myeloma	unknown
Isotype	IgG
Light chain type	unknown

Applications

Our [Abpromise guarantee](#) covers the use of **ab20081** 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
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ELISA

Blocking

Application notes BL: 1/50.

ELISA: 1/50.

This will block 50-70% of CTLL proliferative response to 5% Con A sup as a source for mouse IL2. This antibody will also block 50-70% of MLR or T cell proliferation to KLH.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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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