



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-Human IL-2 Monoclonal Antibody Datasheet

Product Name: mAb anti-Human IL-2	Clone No.: 5A8
Catalogue No.: MO-C40032A	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human Interleikin-2 (IL-2)	Background: Interleukin 2 (IL-2) is the cytokine secreted by T-cells immediately after the T cell receptors are activated by the binding of foreign antigens. The cytokine stimulates the growth, proliferation and differentiation of naïve T-cells into “effector T-cells”, promotes the survival of antigen specific “memory T-cell”, and stimulates the maturation of “regulatory T-cells”. The cytokine is crucial for the development of adapted immunity, immune memory and the modulation of auto-immunity.
Purification: Protein G affinity purified	
Product Type: Primary antibody, detection antibody in matched antibody pair.	
Target Protein: Human IL-2	
Immunogen: Recombinant human IL-2(15.5kDa)	
Fusion Myeloma: Sp2/0-Ag14	
Specificity: Reactive to recombinant human IL-2	Applications: ELISA: mAb clone 5A8 can be used as detection antibody to detect recombinant human IL-2 in ELISA when clone 9F9 (MO-C40032B) is used as capture antibody. Clone 5A8 and clone 9F9 can be used reversely as capture (5A8) and detection (9F9) antibody as well.
Species Reactivity: Human, cross-reactivity with other species has not been evaluated.	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Host / Isotype: Mouse, IgG2b Kappa	
Formulation: Lyophilized in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	
Storage: Store at -20°C. Avoid repeated freeze and thaw cycles.	
Research Area: Cytokine, adapted immunity	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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