



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.: 9F9
Catalogue No.: MO-C40032B	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, capture 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 9F9 can be used as capture antibody to detect recombinant human IL-2. This clone matches with HRP conjugated mAb clone 5A8 (MO-C40032A), mAb clone 10C4 and clone 6B1. When used reversely as detection antibody, 9F9 also matches with 5A8, 10C4 and 6B1 coated plates.
Species Reactivity: Human, cross-reactivity with other species has not been evaluated.	
Host / Isotype: Mouse, IgG2a 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.	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.
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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