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Mouse Anti-Human IL-2 Monoclonal Antibody Datasheet

Product Name: mAb anti-Human IL-2	**Clone No.: 6B1**
Catalogue No.: MO-C40032F	**Quantity: 0.5 mg/vial**

Description: Mouse monoclonal antibody to human Interleikin-2 (IL-2)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human IL-2

Immunogen: Recombinant human IL-2 (15.5kDa)

Fusion Myeloma: Sp2/0-Ag14

Specificity: Reactive to recombinant human IL-2

Species Reactivity: Human, cross-reactivity with other species has not been evaluated.

Host / Isotype: Mouse, IgG1 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

Research Area: Cytokine, adapted immunity

Applications: 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 "effecter 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.

Applications **ELISA:** Anti-human IL-2 mAb clone 6B1 can match with clone 9F9 in sandwich ELISA to detect recombinant human IL-2 antigen.

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.

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