



# ANOGEN - A Division of YES Biotech Laboratories Ltd.

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## Mouse Anti-Human IL-6 Monoclonal Antibody Datasheet

<b>Product Name:</b> mAb anti-Human IL-6	<b>Clone No.:</b> 6D7
<b>Catalogue No.:</b> MO-C40091G	<b>Quantity:</b> 0.5 mg/vial
<b>Description:</b> Mouse monoclonal antibody to human interleukin-6 (IL-6)	<b>Background:</b> IL-6, also called B-cell stimulatory factor-2 (BSF-2), is an important cytokine for the differentiation of B-cells into immunoglobulin-secreting cells. IL-6 is mainly produced by T-cells, macrophages and endothelial cells in response to pathogenic molecular stimuli during infection, trauma and the growth phase of some types of cancer. IL-6 is up-regulated by the binding of Toll-like receptors to antigen pattern ligands. In acute inflammatory phase, IL-6 causes increased body temperature by initiating synthesis of Prostaglandin E2 in hypothalamus.
<b>Purification:</b> Protein G affinity purified	<b>Applications:</b> <b>ELISA:</b> The antibody reacts with recombinant IL-6 antigen.
<b>Target Protein:</b> Human IL-6	<b>References:</b> 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.
<b>Immunogen:</b> Purified recombinant human IL-6	
<b>Fusion Myeloma:</b> F0	
<b>Specificity:</b> The antibody is reactive with recombinant human IL-6. Reactivity with natural antigen has not been evaluated.	
<b>Species Reactivity:</b> Human, others not tested	
<b>Host / Isotype:</b> Mouse, IgG1 Kappa	
<b>Formulation:</b> Lyophilized from a solution in 0.01M PBS, pH 7.0	
<b>Reconstitution:</b> Double distilled water is recommended to reconstitute the antibody.	
<b>Storage:</b> Store at -20°C	
<b>Research Area:</b> Cytokine, growth factor, inflammatory and autoimmune diseases	

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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