



# Rabbit Anti-Rat IL6 Monoclonal Antibody, Clone S13-6S9 (DMAB-JX2361758)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Clone</b>	S13-6S9
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>ELISA (Detection)</p> <p>We recommend the following as antibody pair (Capture - Detection): DMAB-JX2361757-DMAB-JX2361758</p> <p>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	0.01M PBS, pH 7.2
<b>Preservative</b>	None

<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	Interleukine 6 (IL-6) is a cytokine produced primarily by stimulated monocytes, fibroblasts and epithelial cells. It has a wide variety of biological functions through activating a cell surface signaling assembly composed of IL6, IL6RA, and the shared signaling receptor gp130. The cytokine plays an essential role in the final differentiation of b-cells into Ig-secreting cells, and induces myeloma, plasmacytoma growth, nerve cells differentiations. In addition, IL-6 is an important regulator of acute phase reaction.
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">24498</a>
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<b>UniProt ID</b>	<a href="#">P20607</a>
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