



## Rabbit (polyclonal) Anti-Rat Interleukin-6 ( IL-6 )

### PRODUCT ANALYSIS SHEET

<b>Catalog Number:</b>	ARC0062
<b>Lot Number:</b>	See product label
<b>Expiration Date:</b>	See product label
<b>Quantity/Volume:</b>	0.5 mg/0.5 mL
<b>Form of the Antibody:</b>	The immunoglobulin is in phosphate buffered saline, pH 7.3. The endotoxin level is <0.1 ng/μg of protein.
<b>Purity:</b>	>95%, SDS-PAGE analysis.
<b>Purification:</b>	Purified from rabbit serum by protein A/G affinity column chromatography.
<b>Antigen:</b>	Purified recombinant rat IL-6 with full biological activity when compared to standards.
<b>Sterile:</b>	Filtered (0.22 micron)
<b>Applications:</b>	This antibody has been used in ELISA, Western and Dot blot applications. For Dot blot applications, a 1:1000 dilution of the antibody will readily detect 20 ng of protein. The antibody has been shown to be non-neutralizing in the rat IL-6 proliferation assay of mouse B9 cells.
<b>Specificity:</b>	Recognizes natural and recombinant rat IL-6.
<b>Dilutions:</b>	Further dilutions should be made in medium or buffered solution with carrier protein such as PBS with 0.1-1.0% BSA.
<b>Storage:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles. Handle product under aseptic conditions at all times. For long term storage, sodium azide should be added as a preservative (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)
<b>References:</b>	<p>Prabhu, S.D., B. Chandrasekar, D.R. Murray, and G.L. Freeman (2000) β-Adrenergic blockade in developing heart failure: Effects on myocardial inflammatory cytokines, nitric oxide, and remodeling. <i>Circulation</i> May 2, 2000:2103-2109 (cites the use of this product in Western blot analysis).</p> <p>Chandrasekar, B., J.T. Colston, J. Geimer, D. Cortez, and G.L. Freeman (2000) Induction of nuclear factor κB but not κB-responsive cytokine expression during myocardial reperfusion injury after neutropenia. <i>Free Radical Biol. Med.</i> 28(11):1579-1588 (cites the use of this product in Western blot analysis).</p>

**For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.**

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





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Erikson, J.M., G.L. Freeman and B. Chandrasekar (2003) Ultrasound-targeted antisense oligonucleotide attenuates ischemia/reperfusion-induced myocardial tumor necrosis factor-alpha. Journal of Molecular and Cellular Cardiology 35(1):119-130 (cites the use of this product in Western blot analysis).

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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