



## Rabbit (polyclonal) Anti-Rat Interleukin-2 ( IL-2 )

### PRODUCT ANALYSIS SHEET

<b>Catalog Number:</b>	ARC0022
<b>Lot Number:</b>	See product label
<b>Concentration:</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-2 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 1:10,000 dilution of the antibody will readily detect 5 ng of protein. This antibody preparation is suitable for use in neutralization studies (Tzianabos et al., 1999).
<b>Specificity:</b>	Recognizes natural and recombinant rat IL-2.
<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 ( <b>Caution:</b> sodium azide is a <i>poisonous</i> and <i>hazardous</i> substance. Handle with care and dispose of properly.)
<b>Reference:</b>	Tzianabos, A.O., P.R. Russell, A.B. Onderdonk, F. Gibson, C. Cywes, M. Chan, R.W. Finberg, and D.L. Kasper (1999) IL-2 mediates protection against abscess formation in an experimental model of sepsis. J. Immunol. 163:893-897.

**This product is for research use only. Not for use in diagnostic procedures.**

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