

## Datasheet: AAR35

<b>Description:</b>	GOAT ANTI RAT INTERLEUKIN-6
<b>Specificity:</b>	IL-6
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 0.2ug/ml
Functional Assays	▪			2ng/ml - 5ng/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own systems with the appropriate negative/positive controls.

<b>Target Species</b>	Rat
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	<p>Reconstitute with 1.0 ml distilled water.</p> <p>Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.</p> <p>N.B. For functional studies do not add sodium azide.</p>
<b>Antiserum Preparation</b>	<p>Antisera to rat IL-6 were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.</p>
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml after reconstitution

<b>Immunogen</b>	<a href="#">Recombinant Rat IL-6</a> (PRP21).
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P20607</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">24498</a>   IL6   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL-6
<b>Specificity</b>	<p><b>Goat anti Rat IL-6 antibody</b> recognizes rat interleukin 6.</p> <p>IL-6 is a pleiotropic cytokine involved in the regulation of immune and inflammatory responses.</p>
<b>ELISA</b>	Anti rat IL-6: purified (AAR35) may be used in an indirect ELISA with <a href="#">recombinant rat IL-6</a> (PRP21) as the standard.
<b>Storage</b>	<p>Prior to reconstitution store at -20°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Shelf Life</b>	<p>3 months from date of reconstitution.</p> <p>Please see label for expiry date.</p>
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: 10162: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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