

Datasheet: AAR35

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|----------------------|-----------------------------|
| Description: | GOAT ANTI RAT INTERLEUKIN-6 |
| Specificity: | IL-6 |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | 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.

Target Species

Rat

Product Form

Purified IgG - lyophilized

Reconstitution

Reconstitute with 1.0 ml distilled water.

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.

N.B. For functional studies do not add sodium azide.

Antiserum Preparation

Antisera to rat IL-6 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

| | |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preservative Stabilisers | None present |
| Carrier Free | Yes |
| Approx. Protein Concentrations | IgG concentration 0.1 mg/ml after reconstitution |
| Immunogen | Recombinant Rat IL-6. |
| External Database Links | <p>UniProt: P20607 Related reagents</p> <p>Entrez Gene: 24498 IL6 Related reagents</p> |
| Synonyms | IL-6 |
| RRID | AB_2127587 |
| Specificity | <p>Goat anti Rat IL-6 antibody recognizes rat interleukin 6.</p> <p>IL-6 is a pleiotropic cytokine involved in the regulation of immune and inflammatory responses.</p> |
| Storage | <p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. 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> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AAR35 10294</p> |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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