

Datasheet: 1021501

BATCH NUMBER 170222

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|----------------------|-------------------------------|
| Description: | RAT ANTI MOUSE INTERLEUKIN-17 |
| Specificity: | IL-17 |
| Other names: | IL-17A |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | TC11-18H10 |
| Isotype: | IgG1 |
| Quantity: | 0.5 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 | ▪ | | | |
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | |

Where this product 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 product for use in their own system using appropriate negative/positive controls.

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| Target Species | Mouse |
| Product Form | Purified IgG - liquid |
| Preparation | Antibody purified from ascites |
| Buffer Solution | Borate buffered saline |
| Preservative Stabilisers | None present |
| Approx. Protein Concentrations | IgG concentration 0.5 mg/ml |

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| Specificity | Rat anti Mouse interleukin-17 antibody, clone TC11-18H10 recognizes mouse interleukin 17, a ~32 kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belong to the IL-17 family (classified as IL-17A to IL-17F), and signal through the IL-17 receptor (IL-17R/CDw217). IL-17 is produced primarily by activated CD4 ⁺ T cells and induces a variety of target cells to secrete inflammatory cytokines, including IL-1beta, IL-6, TNF-alpha, IFN-gamma and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists. |
| Storage | Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| Guarantee | Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date. |
| Health And Safety Information | Material Safety Datasheet documentation #10123 available at: https://www.bio-rad-antibodies.com/SDS/1021501 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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|--|---|
| Goat Anti Rat IgG (STAR69...) | FITC |
| Goat Anti Rat IgG (STAR73...) | RPE |
| Rabbit Anti Rat IgG (STAR17...) | FITC |
| Goat Anti Rat IgG (STAR131...) | Alk. Phos. , Biotin |
| Goat Anti Rat IgG (STAR72...) | HRP |
| Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) | DyLight®550 , DyLight®650 , DyLight®800 |
| Rabbit Anti Rat IgG (STAR21...) | HRP |
| Rabbit Anti Rat IgG (STAR16...) | DyLight®800 |

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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