

## Rat anti-Mouse IL-5 Monoclonal Antibody | anti-IL5 antibody

Rat Anti-Mouse IL-5-UNLB

|                              |                    |                            |                                                                                                  |
|------------------------------|--------------------|----------------------------|--------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA78616</b> | HOST<br><b>Rat</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA</b> |
|------------------------------|--------------------|----------------------------|--------------------------------------------------------------------------------------------------|

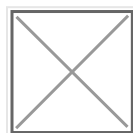
### PRODUCT SYNONYMS

IL-5; Monoclonal Antibody; Rat Anti-Mouse IL-5-UNLB; Rat Anti-Mouse IL-5 - Purified; Unlabeled Antibody; Rat Anti-Mouse IL-5; anti-IL5 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                                       | Rat IgG1 kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clone Number                                  | TRFK5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                   | Mouse/Human/Rhesus/Cynomolguss/Baboon/Sooty Mangabey IL-5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                   | Purified (UNLB) Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence Length                               | 134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-IL5 antibody | WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                     | Semi-purified mouse T cell clone supernatant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Characterization                              | To ensure acceptable performance, each batch of product is tested in a sandwich ELISA to conform to characteristics of a standard reference reagent.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                       | The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2- 8 degree C. The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Aliquot and store at or below -20 degree C.<br>Protect conjugated forms from light. Aliquot and freeze the low endotoxin, azide-free product at -20 degree C immediately upon receipt. Each reagent is stable for the period shown on the bottle label if stored as directed. |

### IMAGES



#### Application Data

Standard curve generated with Rat Anti-Mouse IL-5-UNLB (AAA78616; Clone TRFK5) and Rat Anti-Mouse IL-5-BIOT followed by Streptavidin-HRP

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | <div>1. Schumacher, J.H., A. O'garra. B. Schrader, A. Van Kimmenade, M.W. Bond, T.R. Mosmann, and R.L. Coffman. 1988. J. Immunol. 141:1576.</div> <div>2. Swain, S., A. Welberg, M. English, and G. Houston. 1990. J. Immunol. 145:3796.</div> <div>3. Abrams, J.S., M.-G. Roncarolo, H.. Yssel, U. Andersson, G.J. Gleich, and J.E., Silver. 1992. Immunol. Rev. 127:5.</div> <div>4. Sander, B., I. Hoiden, U. Andersson, E. Moller, and J. Abrams. 1993. J. Immunol. Meth. 166:201.</div> <div>5. Abrams, J. 1995. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. In Current Protocols in Immunology (J. Coligamn, A. Kruisbeek, D. Margulies, E. Shevach, W. Strober, eds.). John Wiley and Sons, New York. Unit 6.20.</div> <div>6. Mo, X.Y., S. R. Sarawar, and P. Doherty. 1995. J. Virol. 69:1288.</div> <div>7. Sarawar, S. M. Sangster, R. Coffman, and P. Doherty. 1994. J. Immunol. 153:1246.</div> <div>8. Assenmacher, M., J. Schmitz, and A. Radbruch. 1994. Eur. J. Immunol. 24:1097.</div> |
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NCBI AND UNIPROT INFORMATION

|                               |                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                     | 27806873                                                                                                         |
| NCBI GeneID                   | 280825                                                                                                           |
| NCBI Accession #              | NP_776347.1                                                                                                      |
| NCBI GenBank Nucleotide #     | NM_173922.1                                                                                                      |
| UniProt Accession #           | P52173; A9QWQ8                                                                                                   |
| NCBI Official Full Name       | interleukin-5                                                                                                    |
| NCBI Official Symbol          | IL5                                                                                                              |
| NCBI Official Synonym Symbols | TRF; IL-5                                                                                                        |
| NCBI Protein Information      | interleukin-5; T-cell replacing factor; eosinophil differentiation factor; colony-stimulating factor, eosinophil |
| UniProt Protein Name          | Interleukin-5                                                                                                    |
| UniProt Gene Name             | IL5                                                                                                              |
| UniProt Entry Name            | IL5_BOVIN                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.