

## Rat IL-2 Monoclonal Antibody | anti-IL2 antibody

RAT ANTI MOUSE INTERLEUKIN-2

|                              |                    |                                                                                     |
|------------------------------|--------------------|-------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA49244</b> | HOST<br><b>Rat</b> | APPLICATIONS<br><b>Immunoprecipitation, Flow Cytometry, Functional Assay, ELISA</b> |
|------------------------------|--------------------|-------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

IL-2; Monoclonal Antibody; RAT ANTI MOUSE INTERLEUKIN-2; anti-IL2 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rat                                                                                                                                                                                                                                                                                                         |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                  |
| Isotype                                       | IgG2b                                                                                                                                                                                                                                                                                                       |
| Clone Number                                  | JES6-5H4                                                                                                                                                                                                                                                                                                    |
| Form/Format                                   | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                           |
| Concentration                                 | IgG concentration 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                   |
| Sequence Length                               | 169                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-IL2 antibody | IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                                                                                                  |
| Perservative Stabilisers                      | 0.09% Sodium Azide                                                                                                                                                                                                                                                                                          |
| Preparation                                   | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant                                                                                                                                                                                                               |
| Immunogen                                     | Recombinant Mouse IL-2                                                                                                                                                                                                                                                                                      |
| Fusion Partners                               | Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3.X63 Ag8.653 myeloma cell line.                                                                                                                                                                                                |
| Buffer Solution                               | Phosphate buffered saline                                                                                                                                                                                                                                                                                   |
| Target Species                                | Mouse                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                       | Store at 4 degree C or at -20 degree C if preferred. 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.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL2 antibody | Rat anti Mouse Interleukin-2 antibody, clone JES6-5H4 recognizes natural and recombinant murine IL-2. Rat anti Mouse Interleukin-2 antibody, clone JES6-5H4 does not function as a blocking antibody (Sander et al. 1993). For neutralization of murine IL-2, AAA Biotech recommend the use of clone JES6-1A12). |
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### NCBI AND UNIPROT INFORMATION

|                  |                             |
|------------------|-----------------------------|
| NCBI GI #        | <a href="#">7110653</a>     |
| NCBI GeneID      | <a href="#">16183</a>       |
| NCBI Accession # | <a href="#">NP_032392.1</a> |

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_008366.3</a>                                              |
| UniProt Accession #              | <a href="#">P04351</a> ; <a href="#">P97945</a> ; <a href="#">Q791T3</a> |
| NCBI Official Full Name          | interleukin-2                                                            |
| NCBI Official Synonym Full Names | interleukin 2                                                            |
| NCBI Official Symbol             | IL2                                                                      |
| NCBI Official Synonym Symbols    | IL-2                                                                     |
| NCBI Protein Information         | interleukin-2; T-cell growth factor; TCGF                                |
| UniProt Protein Name             | Interleukin-2                                                            |
| UniProt Gene Name                | <b>IL2</b>                                                               |
| UniProt Synonym Gene Names       | IL-2; IL-2; TCGF                                                         |
| UniProt Entry Name               | IL2_MOUSE                                                                |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-2-antibody-clone-jes6-5h4-immunoprecipitation-flow-cytometry-elisa/49244>