

Product datasheet for **TA352735**

IL2 Mouse Monoclonal Antibody [Clone ID: B-G5]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | B-G5 |
| Recommended Dilution: | ELISA, ELISPOT, Flow cytometry, Neutralization assay, Western Blot |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | IL-2 |
| Formulation: | Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose. |
| Reconstitution Method: | Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water. |
| Concentration: | lot specific |
| Purification: | Ion exchange chromatography. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 17.4 kDa |
| Gene Name: | interleukin 2 |
| Database Link: | NP_000577 Entrez Gene 3558 Human P60568 |
| Background: | The monoclonal antibody to human IL-2 (clone B-G5) has shown to be suitable for intracytoplasmic flow cytometry and neutralization assays (Sewell W.A. et al. 1997 and Peng X. et al. 1998). B-G5 recognizes both natural and recombinant human IL-2 and can be used in Western Blot (Heuser C. et al. 2004). The B-G5 antibody has been described as useful in a sandwich ELISA and ELISPOT assay (Driesse M.J. et al. 2000 and Lechmann M. et al. 1999). |
| Synonyms: | IL-2; lymphokine; TCGF |
| Protein Families: | Druggable Genome, Secreted Protein |



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Protein Pathways: Allograft rejection, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Jak-STAT signaling pathway, T cell receptor signaling pathway, Type I diabetes mellitus