**DESCRIPTION**

**Species Reactivity**  
Mouse

**Specificity**  
Detects mouse IL-2 in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant human (rh) IL-2, rIL-2, rIL-2, rcrIL-2, or rhIL-15.

**Source**  
Monoclonal Rat IgG2A Clone # 142206

**Purification**  
Protein A or G purified from hybridoma culture supernatant

**Immunogen**  
*E. coli* derived recombinant mouse IL-2  
Ala21-Gln169  
Accession # P04351

**Formulation**  
Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

*Small pack size (SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

**APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
<thead>
<tr>
<th>Western Blot</th>
<th>Sample</th>
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<tr>
<td>1 µg/mL</td>
<td>Recombinant Mouse IL-2 (Catalog # 402-ML)</td>
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**PREPARATION AND STORAGE**

**Reconstitution**  
Reconstitute at 0.5 mg/mL in sterile PBS.

**Shipping**  
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.  
*Small pack size (SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

**Stability & Storage**  
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.  
● 12 months from date of receipt, -20 to -70 °C as supplied.  
● 1 month, 2 to 8 °C under sterile conditions after reconstitution.  
● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

**BACKGROUND**

IL-2 is a cytokine that stimulates the growth and differentiation of B cells, T cells, NK cells, and monocyte/macrophages. It functions through the heterotrimetric IL-2 receptor comprising α, β, and γ chains.