

## DESCRIPTION

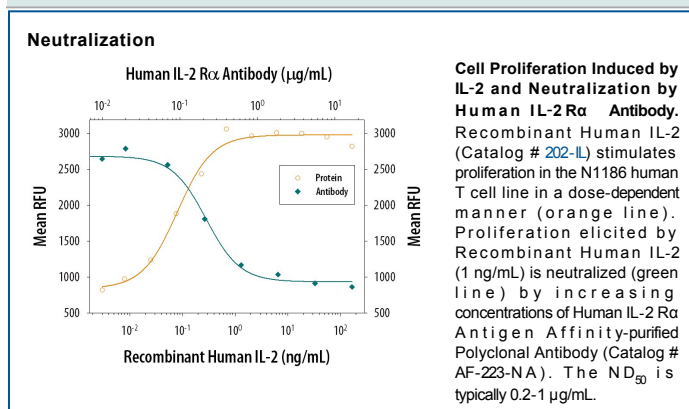
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human IL-2 R $\alpha$ in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 15% cross-reactivity with recombinant human (rh) IL-2 sR $\gamma$ is observed, less than 5% cross-reactivity with rhIL-6 sR is observed, and less than 1% cross-reactivity with rhIL-1 sRII and rhIL-2 sR $\beta$ is observed. In direct ELISAs, less than 5% cross-reactivity with recombinant mouse IL-2 R $\alpha$ is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-2 R $\alpha$ Glu22-Cys213 Accession # P01589
<b>Endotoxin Level</b>	<0.10 EU per 1 $\mu$ g of the antibody by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

## 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 $\mu$ g/mL	Recombinant Human IL-2 R $\alpha$ (Catalog # 223-2A)
<b>Flow Cytometry</b>	2.5 $\mu$ g/10 <sup>6</sup> cells	Human whole blood lymphocytes
<b>Neutralization</b>	Measured by its ability to neutralize IL-2-induced proliferation in the N1186 human T cell line. The Neutralization Dose (ND <sub>50</sub> ) is typically 0.2-1 $\mu$ g/mL in the presence of 1 ng/mL Recombinant Human IL-2.	

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month from date of receipt, 2 to 8 °C, reconstituted.</li> <li>● 6 months from date of receipt, -20 to -70 °C, reconstituted.</li> </ul>