Anti-Human Interleukin-2 Antibody (Biotin)
Catalog # ABD11943

Specification

Anti-Human Interleukin-2 Antibody (Biotin) - Product Information

<table>
<thead>
<tr>
<th>Application</th>
<th>IHC, IHC-P, E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Accession</td>
<td>P60568</td>
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<tr>
<td>Reactivity</td>
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<tr>
<td>Host</td>
<td>Rabbit</td>
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<tr>
<td>Clonality</td>
<td>Polyclonal</td>
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<td>Isotype</td>
<td>Polyclonal IgG</td>
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<tr>
<td>Calculated MW</td>
<td>17628</td>
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</tbody>
</table>

Anti-Human Interleukin-2 Antibody (Biotin) - Additional Information

Immunogen
Recombinant human IL-2

Gene ID 3558

Other Names
Interleukin-2, IL-2, T-cell growth factor, TCGF, Aldesleukin, IL2

Target/Specificity
Rabbit anti-Human Interleukin-2 antibody recognizes human IL-2 (Interleukin-2), otherwise known as T-cell growth factor, a 133 amino acid glycoprotein and potent immunoregulatory cytokine produced by antigen or mitogen stimulated T cells. IL-2 is a multi-functional cytokine which signals through the IL-2 receptor complex (IL-2R), and is principally involved in the stimulation of the T cell proliferative response, promoting T cell clonal expansion and the expansion of T memory cells expressing low levels of high-affinity IL-2R. IL-2 also stimulates the growth/differentiation of B cells, monocytes, NK cells, macrophages and lymphokine activated killer cells.

Precautions
Anti-Human Interleukin-2 Antibody (Biotin) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human Interleukin-2 Antibody (Biotin) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

Sandwich ELISA analysis of human interleukin-2 using Rat anti Human IL-2 as a capture reagent and biotinylated Rabbit anti Human IL-2 (AHP1032B)

Staining of formalin fixed, paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human interleukin-2 following heat mediated antigen retrieval with sodium citrate buffer (pH6.0)

Staining of formalin fixed, paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human interleukin-2 following heat mediated antigen retrieval with sodium citrate buffer (pH6.0)
Anti-Human Interleukin-2 Antibody (Biotin) - References