Product datasheet

Anti-IL-2 antibody (HRP) ab106016

Overview

Product name: Anti-IL-2 antibody (HRP)
Description: Rabbit polyclonal to IL-2 (HRP)
Host species: Rabbit
Conjugation: HRP
Specificity: This purified antibody has been heated to 56°C for 30 minutes. In ELISA and other immunoreactive assays, ab106016 will recognize both native and recombinant IL2 in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.

Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with: Human
Immunogen: Recombinant full length protein corresponding to Human IL-2.
General notes: Centrifuge product if not completely clear after standing at room temperature. The product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

Properties

Form: Lyophilised: Reconstitute with 0.1 mL of deionized water (or equivalent).
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: pH: 7.20
Preservative: 0.01% Gentamicin sulphate
Constituents: 0.42% Potassium phosphate, 0.88% Sodium chloride, 1% BSA
Do NOT add Sodium Azide! BSA is Immunoglobulin and Protease free.
Purity: Ion Exchange Chromatography
Purification notes: ab106016 is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Clonality: Polyclonal
Isotype: IgG
Applications

Our Abpromise guarantee covers the use of ab106016 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/1000 - 1/5000. Predicted molecular weight: 18 kDa.</td>
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<tr>
<td>ELISA</td>
<td>1/10000 - 1/50000.</td>
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Target

Function

Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

Involvement in disease

Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.

Sequence similarities

Belongs to the IL-2 family.

Cellular localization

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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