**Product datasheet**

**Anti-IL-2 antibody ab180780**

⭐⭐⭐⭐⭐ 7 Abreviews  1 Image

#### Overview

**Product name**
Anti-IL-2 antibody

**Description**
Rabbit polyclonal to IL-2

**Host species**
Rabbit

**Tested applications**
Suitable for: IHC-P, WB, ICC/IF

**Species reactivity**
Reacts with: Mouse, Human

**Immunogen**
Recombinant full length protein corresponding to Human IL-2 aa 1-153.

Sequence:
```
MYRMQLLSCIALSLALVTNSAPTSSSTKTQLQLEHLLL
DLQMILNGINNYKNPKLTRML
TFKYMPKKATELKHLQCLEEELKPLEEVLNLQSKNF
HLRPRDLISINVILELGSE
TTFMCEYADETATIVEFLNRWITFCQSIISTLT
```

Database link: P60568

**Positive control**
CTLL-2 cell lysate.

#### Properties

**Form**
Liquid

**Storage instructions**

**Storage buffer**
pH: 7.3
Preservative: 0.02% Sodium azide
Constituents: 49% PBS, 50% Glycerol

**Purity**
Immunogen affinity purified

**Clonality**
Polyclonal

**Isotype**
IgG

#### Applications
Our **Abpromise guarantee** covers the use of **ab180780** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
</table>
| IHC-P       | ★★★★☆☆☆☆ | 1/50 - 1/200.  
**ab171870** - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody. |
| ICC/IF      | ★★★★☆☆☆☆ | 1/50 - 1/200. |

**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.

**Images**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human liver cancer tissue labelling IL2 with ab180780 at 1/100. Magnification: 200x.

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