**Product datasheet**

**Anti-IL-2 antibody ab180780**

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**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:

MYRMQLLSCIALSLALVTNSAPTSSSTKKTQLQLEHLLL
DLQMLNGINNYKNPKLTRML
TFKFYMPPKATELKHLCLEELKPLEEVLNLAQSKNF
HLRPRLSNINVIVLELGSE
TTFMCEYADETATIVEFLNRWITFCQSIISLT

Database link: P60568

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

**Properties**

**Form**  Liquid

**Storage instructions**  Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer**  pH: 7.30  Preservative: 0.02% Sodium azide  Constituents: 49% PBS, 50% Glycerol

**Purity**  Immunogen affinity purified

**Clonality**  Polyclonal

**Isotype**  IgG

**Applications**
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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