

Product datasheet

Anti-IL15 antibody ab9581

概述

产品名称	Anti-IL15抗体
描述	兔多克隆抗体to IL15
经测试应用	适用于: WB, ELISA, Neutralising, Sandwich ELISA
种属反应性	与反应: Human
免疫原	Highly pure (>98%) recombinant hIL-15 (human Interleukin-15)
常规说明	Interleukin-15 is a potent lymphoid cell growth factor, which exerts it's biological activities primarily on T cells.

性能

形式	Lyophilised:Reconstitute with 200µl of sterile water.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	PBS, pH 7.4, no preservative, sterile filtered
纯度	Immunogen affinity purified
Primary antibody说明	Interleukin-15 is a potent lymphoid cell growth factor, which exerts it's biological activities primarily on T cells.
克隆	多克隆
同种型	unknown
轻链类型	unknown

应用

Our [Abpromise guarantee](#) covers the use of **ab9581** in the following tested applications.

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

应用	Ab 评论	说明
WB		Use a concentration of 0.1 - 0.2 µg/ml.

ELISA	Use a concentration of 0.5 µg/ml. Allows the detection of 0.2 - 0.4 ng/well of recombinant hIL-15 (assuming 100 µl/well antibody solution).
Neutralising	Use a concentration of 0.15 - 0.2 µg/ml. for one-half maximal inhibition [ND ₅₀] of the biological activity of hIL-15 (1.0 ng/ml).
Sandwich ELISA	Use at an assay dependent dilution. Use as Detection antibody. Allows the detection of 0.2 - 0.4 ng/well of recombinant hIL-15 (assuming 100 µl/well antibody solution).

靶标

功能	Cytokine that stimulates the proliferation of T-lymphocytes. Stimulation by IL-15 requires interaction of IL-15 with components of IL-2R, including IL-2R beta and probably IL-2R gamma but not IL-2R alpha.
组织特异性	Most abundant in placenta and skeletal muscle. It is also detected in the heart, lung, liver and kidney. IL15-S21AA is preferentially expressed in tissues such as testis and thymus.
序列相似性	Belongs to the IL-15/IL-21 family.
细胞定位	Secreted and Cytoplasm. Nucleus. IL15-S21AA is not secreted, but rather is stored intracellularly, appearing in the nucleus and cytoplasmic components.

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