

# Biotin Anti-IL-15 antibody ab83157

## 2 图像

### 概述

产品名称	生物素Anti-IL-15抗体
描述	生物素兔多克隆抗体to IL-15
宿主	Rabbit
偶联物	Biotin
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Recombinant fragment
免疫原	Recombinant full length protein corresponding to Human IL-15.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Lyophilized:Centrifuge vial prior to opening. Reconstitute in 50ul sterile PBS containing 0.1% BSA
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituents: 0.1% BSA, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab83157于以下的经测试应用

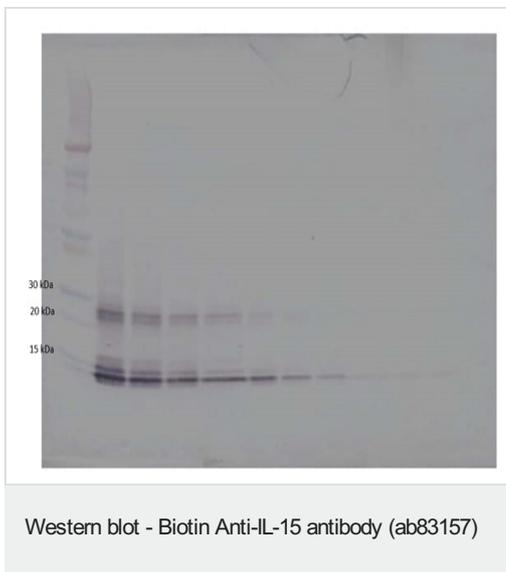
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
<b>Sandwich ELISA</b>		Use a concentration of 0.25 - 1 µg/ml. Detection limit for recombinant Human protein: 0.2 - 0.4 ng/well, using 100 µl/well antibody solution.
<b>WB</b>		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 18 kDa. Detection limit for recombinant Human protein: 1.5 - 3.0 ng/lane, under reducing or non-reducing conditions.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	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.
<b>序列相似性</b>	Belongs to the IL-15/IL-21 family.
<b>细胞定位</b>	Secreted and Cytoplasm. Nucleus. IL15-S21AA is not secreted, but rather is stored intracellularly, appearing in the nucleus and cytoplasmic components.

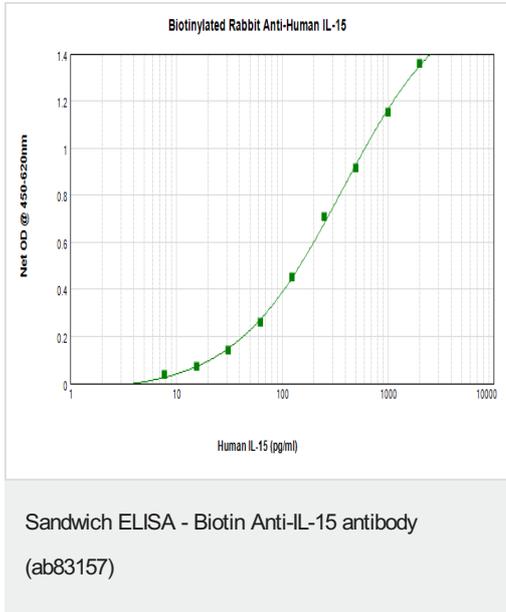
## 图片



To detect human IL-15 by Western Blot analysis ab83157 can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human IL-15 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Image shown is reducing conditions; Human recombinant IL-15 protein at 250 - 0.24 ng/ml.

Lane 1 is MW marker, lanes 2-12 human recombinant IL-15 protein.



To detect human IL-15 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of ab83157 is required. This biotinylated polyclonal antibody, in conjunction with anti-IL-15 (**ab9581**) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant human IL-15.

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

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