



### Anti-IL-21R antibody ab5980

**8 References**   **2 图像**

#### 概述

产品名称	Anti-IL-21R抗体
描述	兔多克隆抗体to IL-21R
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human IL-21R aa 97-111. Sequence: NITDQSGNYSQECGS  (Peptide available as <a href="#">ab6225</a> ) <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
阳性对照	WB: HepG2 cell lysate. IHC-P: Rat lung tissue. ICC/IF: A431 cells.
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	Liquid
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. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
Primary antibody说明	A novel cytokine related to IL-2 and IL-15 was recently identified and designated IL-21. The receptor for IL-21 (IL-21R, also termed NLR for novel Interleukin receptor) is a new member of the

class I cytokine receptor family. IL-21R forms a complex with the common cytokine receptor  $\gamma$  chain,  $\gamma c$ , and mediates IL-21 signaling. Both IL-21R and the  $\gamma c$  are necessary for IL-21 function. IL-21 and its receptor activate the JAK-STAT signaling pathway. IL-21R is expressed in spleen, thymus, natural killer (NK), T and B cell lines. IL-21 plays a role in the proliferation and maturation of NK, B and T cell populations.

**克隆** 多克隆  
**同种型** IgG

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用 ab5980 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
ICC/IF		Use a concentration of 20 $\mu$ g/ml.
WB		Use a concentration of 1 - 2 $\mu$ g/ml. Detects a band of approximately 60 kDa.

## 靶标

**功能** This is a receptor for interleukin-21.

**组织特异性** Selectively expressed in lymphoid tissues. Most highly expressed in thymus and spleen.

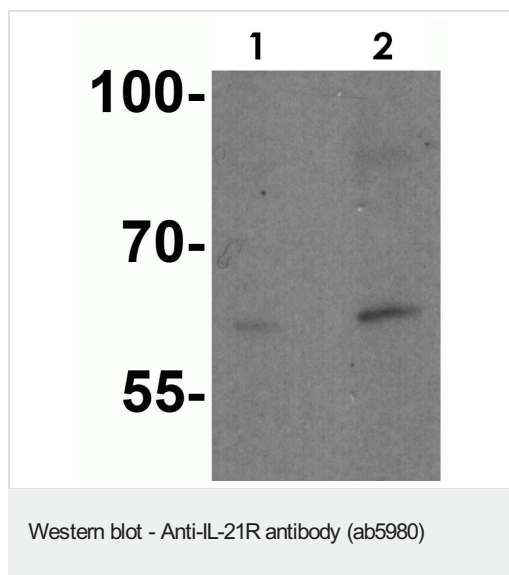
**序列相似性** Belongs to the type I cytokine receptor family. Type 4 subfamily.  
Contains 2 fibronectin type-III domains.

**结构域** The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.  
The box 1 motif is required for JAK interaction and/or activation.

**翻译后修饰** C-mannosylated at Trp-214 in the WSXWS motif, the sugar chain makes extensive hydrogen bonds with Asn-73 sugar, and bridges the two fibronectin domains transforming the V-shaped receptor into an A-frame.

**细胞定位** Membrane.

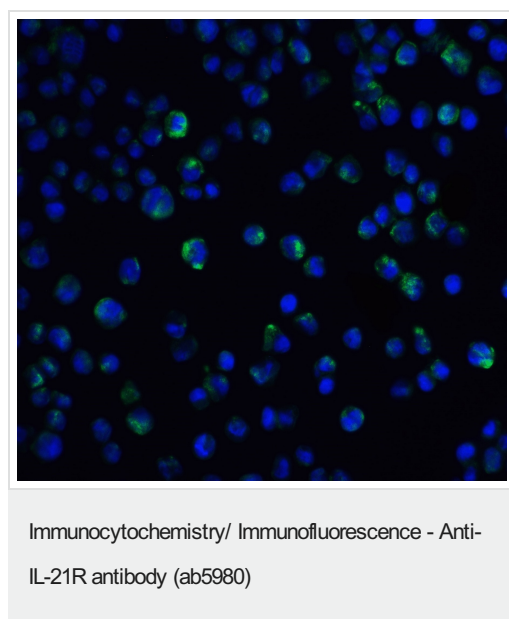
## 图片



**Lane 1** : Anti-IL-21R antibody (ab5980) at 1 µg/ml

**Lane 2** : Anti-IL-21R antibody (ab5980) at 2 µg/ml

**All lanes** : HepG2 cell lysate



Immunocytochemistry/Immunofluorescence labelling A431 cells with ab5980 at 20µg/ml.

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

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors