



# Anti-Soluble TNF Receptor I antibody ab9979

### 概述

产品名称	Anti-Soluble TNF Receptor I 抗体
描述	兔多克隆抗体 to Soluble TNF Receptor I
宿主	Rabbit
经测试应用	适用于: ELISA, Neutralising, Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human Soluble TNF Receptor I aa 1-250. Database link: <a href="#">P19438</a>
阳性对照	<div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div> Recombinant human Soluble TNF Receptor I protein ( <a href="#">ab9980</a> ) can be used as a positive control in WB.
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: 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	No preservative, sterile filtered
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
轻链类型	unknown

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab9979 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
ELISA		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration. To yield one-half maximal inhibition [ND50] of the biological activity of hsTNF-R1 (0.3 Åµg/ml), a concentration of 0.9 - 1.1 Åµg/ml of this antibody is required.
Sandwich ELISA		Use at an assay dependent concentration. To detect hsTNF-receptor by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with <b>ab271211</b> as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hsTNF-receptor.
WB		Use at an assay dependent concentration.

## 靶标

**相关性** TNF RI (CD120a) is a 55 kDa transmembrane glycoprotein that is expressed by virtually all nucleated mammalian cells. Among the numerous cells known to express TNF RI are hepatocytes, monocytes and neutrophils, cardiac muscle cells, endothelial cells, and CD34+ hematopoietic progenitors. Both TNF alpha and TNF beta bind to TNF RI. Soluble TNF alpha binds with a Kda in the range of 20-60 pM, while TNF beta binds with a Kda equal to 650 pM. TNF RI relative to TNF RII seems to be the more physiologically relevant receptor, whereas TNF R2 appears to play a direct role in only a limited number of TNF responses. Soluble TNF RI, which blocks TNF alpha activity, has been identified in both urine and blood (1-3 ng/mL). Serum levels of sTNF receptors increase dramatically in certain pathological situations.

**细胞定位** Cytoplasmic

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

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- 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

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