

# Anti-TNF alpha antibody [2.1\_4E10-1H11] ab9348

★★★★★ [1 Abreviews](#) [6 References](#) [1 图像](#)

### 概述

产品名称	Anti-TNF alpha抗体[2.1_4E10-1H11]
描述	小鼠单克隆抗体[2.1_4E10-1H11] to TNF alpha
宿主	Mouse
经测试应用	适用于: Sandwich ELISA, Flow Cyt, IHC-P
种属反应性	与反应: Human, Recombinant fragment
免疫原	Recombinant full length protein corresponding to Human TNF alpha. Recombinant Human TNF-a
阳性对照	WB: Recombinant human TNF alpha protein ( <a href="#">ab9642</a> ). Flow Cyt: THP1 cells.
常规说明	<p>This product is no longer batch tested in IHC, for an IHC validated antibody please see <a href="#">ab1793</a>.</p> <p>Monoclonal antibodies were produced in BALB/c x C57BL/6 F1 mice</p> <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 500µl 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.
纯度	Protein G purified
纯化说明	This antibody was purified from cell culture by Protein G affinity chromatography.
克隆	单克隆
克隆编号	2.1_4E10-1H11
同种型	IgG1
轻链类型	kappa

## 应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9348于以下的经测试应用

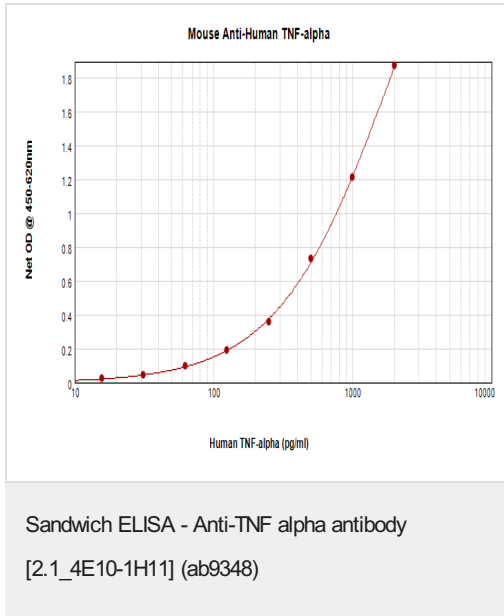
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Sandwich ELISA		Use a concentration of 2 - 4 µg/ml. In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant Human TNF-? when used with an appropriate biotinylated antigen affinity purified anti-Human TNF-? as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.
Flow Cyt		Use at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		Use at an assay dependent concentration.

## 靶标

功能	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation.
疾病相关	Genetic variations in TNF are a cause of susceptibility psoriatic arthritis (PSORAS) [MIM:607507]. PSORAS is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy. Five types of psoriatic arthritis have been defined: asymmetrical oligoarthritis characterized by primary involvement of the small joints of the fingers or toes; asymmetrical arthritis which involves the joints of the extremities; symmetrical polyarthritis characterized by a rheumatoidlike pattern that can involve hands, wrists, ankles, and feet; arthritis mutilans, which is a rare but deforming and destructive condition; arthritis of the sacroiliac joints and spine (psoriatic spondylitis).
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing. The membrane form, but not the soluble form, is phosphorylated on serine residues. Dephosphorylation of the membrane form occurs by binding to soluble TNFRSF1A/TNFR1. O-glycosylated; glycans contain galactose, N-acetylgalactosamine and N-acetylneuraminic acid.
细胞定位	Secreted and Cell membrane.

## 图片



In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of Recombinant Human TNF-α when used with suitable detection antibody at a concentration of at least 0.5-1.0 µg/ml.

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

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