


Anti-TNF alpha antibody ab6671

★★★★★ [34 Abreviews](#) [758 References](#) [1 图像](#)

概述

产品名称	Anti-TNF alpha抗体
描述	兔多克隆抗体to TNF alpha
宿主	Rabbit
特异性	<p>The immunogen used to raise this antibody shares 78% homology with mouse and rat TNF alpha protein. Some customers have successfully used ab6671 with mouse and rat samples, however we do not batch test in these species and therefore we cannot guarantee this product will consistently work with mouse and rat. We would recommend ab205587 or ab1793 as an alternative product for use with these species.</p> <p>The antibody does not recognize human TNF beta (lymphotoxin).</p>
经测试应用	适用于: ELISA, IHC-P, ICC/IF, WB, Neutralising
种属反应性	<p>与反应: Human, Cynomolgus monkey, Recombinant fragment</p> <p>预测可用于: Mouse, Rat, Dog, Pig, Monkey, Non human primates </p>
免疫原	<p>Recombinant full length protein corresponding to Human TNF alpha.</p> <p>Database link: P01375</p>
阳性对照	WB: Recombinant TNF-alpha protein.
常规说明	<p>Endotoxin content by LAL is <10 pg/ml.</p> <p>Abcam recommended secondaries - Goat Anti-Rabbit HRP (ab205718) and Goat Anti-Rabbit Alexa Fluor® 488 (ab150077). Or search our wide range of secondary antibodies for use with your experiment.</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&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 or -

	80°C. Avoid freeze / thaw cycle.
存储溶液	Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
纯度	IgG fraction
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab6671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.
IHC-P	★★★★★ (19)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 19458984
WB	★★★★★ (10)	1/500 - 1/2000. Predicted molecular weight: 25.6 kDa. Membrane Blocking is recommended with BSA not Milk for this product. Suitable for use as a positive control for Western blot against recombinant TNFalpha produced in E.Coli.
Neutralising		Use at an assay dependent concentration.
IF		Use at an assay dependent concentration.

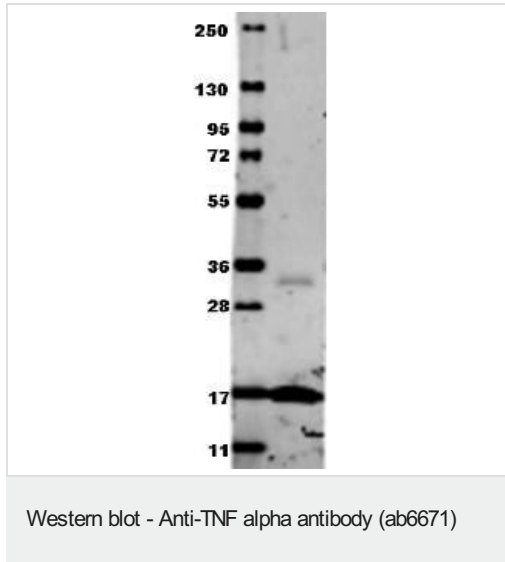
靶标

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



Anti-TNF alpha antibody (ab6671) at 1/1000 dilution +
Recombinant TNF alpha protein

Secondary

Goat Anti-Rabbit Dylight® 649 Conjugate at 1/20000 dilution

Predicted band size: 25.6 kDa

Additional bands at: 16 kDa (possible cleavage fragment)

Western Blot analysis, labeling TNF alpha with ab6671 at 1/1000.
Blocking was with 1% BSA in TBS-T incubated for 30 minutes at
room temperature. The cleavage fragment is related to the soluble
isoform 77 - 223.

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