


### Anti-TNF alpha antibody ab6671

★★★★★ [34 Abreviews](#) [758 References](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-TNF alpha antibody
製品の詳細	Rabbit polyclonal to TNF alpha
由来種	Rabbit
特異性	<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 <a href="#">ab205587</a> or <a href="#">ab1793</a> as an alternative product for use with these species.</p> <p>The antibody does not recognize human TNF beta (lymphotoxin).</p>
アプリケーション	<b>適用あり:</b> ELISA, IHC-P, ICC/IF, WB, Neutralising
種交差性	<p><b>交差種:</b> Human, Cynomolgus monkey, Recombinant fragment</p> <p><b>交差が予測される動物種:</b> 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: <a href="#">P01375</a></p>
ポジティブ・コントロール	WB: Recombinant TNF-alpha protein.
特記事項	<p>Endotoxin content by LAL is &lt;10 pg/ml.</p> <p>Abcam recommended secondaries - Goat Anti-Rabbit HRP (<a href="#">ab205718</a>) and Goat Anti-Rabbit Alexa Fluor® 488 (<a href="#">ab150077</a>). 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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
精製度	IgG fraction
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab6671の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

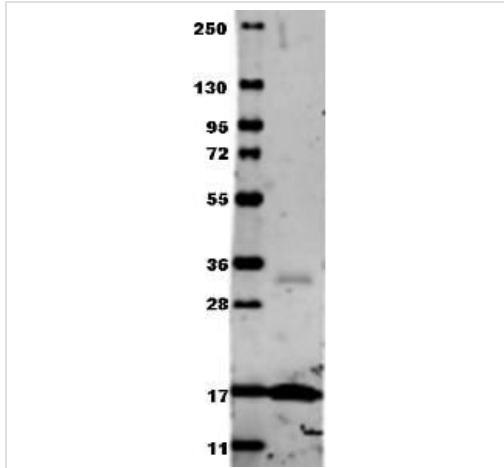
## ターゲット情報

機能	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.
関連疾患	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).
配列類似性	Belongs to the tumor necrosis factor family.
翻訳後修飾	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.

細胞内局在                      Secreted and Cell membrane.

## 画像



Western blot - Anti-TNF alpha antibody (ab6671)

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.

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

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