

Biotin Anti-TNF alpha antibody ab271247

画像数 2

製品の概要

製品名	Biotin Anti-TNF alpha antibody
製品の詳細	Biotin Goat polyclonal to TNF alpha
由来種	Goat
標識	Biotin
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Recombinant fragment
免疫原	Recombinant fragment corresponding to Human TNF alpha aa 50 to the C-terminus. Database link: P01375

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特記事項

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.

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

製品の特性

製品の状態	Lyophilized:Reconstitute in sterile PBS with 0.1% BSA to 0.1 - 1.0 mg/ml.
保存方法	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. Store In the Dark.
バッファー	Constituents: PBS, 0.1% BSA
精製度	Affinity purified
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ab271247の使用に適用されます

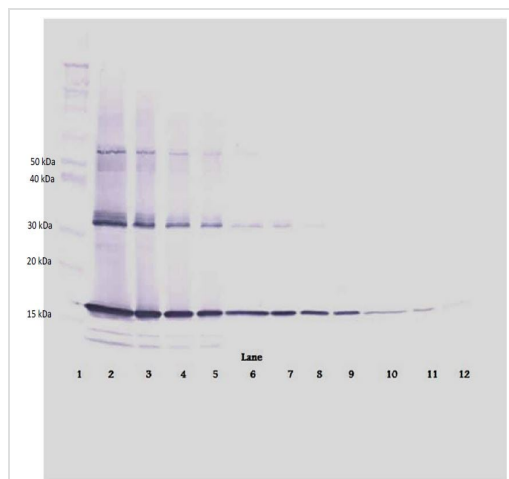
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 25 kDa.
ELISA		Use a concentration of 0.25 - 1 µg/ml.

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

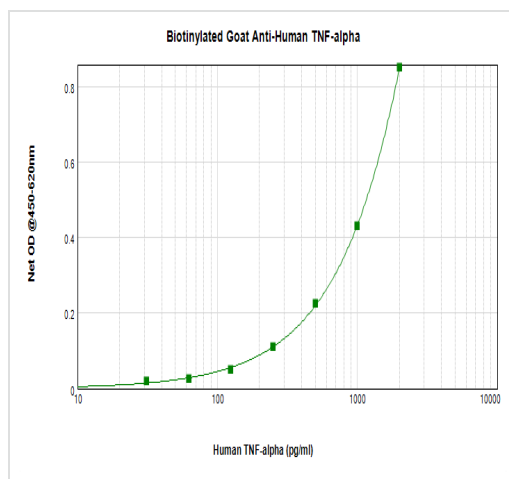


Western blot - Biotin Anti-TNF alpha antibody
(ab271247)

Western blot analysis of varying levels of Recombinant human TNF- α protein using ab271247 at 0.1 $\mu\text{g/ml}$.

Used in conjunction with compatible secondary reagents the detection limit for recombinant TNF- α is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Lane	ng/lane
1	Marker
2	250
3	125
4	62.5
5	31.25
6	15.625
7	7.8
8	3.9
9	1.95
10	0.975
11	0.4875
12	0.24



ELISA - Biotin Anti-TNF alpha antibody (ab271247)

Human TNF alpha was detected by sandwich ELISA (using 100 $\mu\text{l/well}$) using a concentration of 0.25-1.0 $\mu\text{g/ml}$ of ab271247. This antibody in conjunction with an appropriate capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant TNF alpha protein.

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

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