

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

★★★★★ [1 Abreviews](#) [6 References](#) [画像数 1](#)

製品の概要

製品名	Anti-TNF alpha antibody [2.1_4E10-1H11]
製品の詳細	Mouse monoclonal [2.1_4E10-1H11] to TNF alpha
由来種	Mouse
アプリケーション	適用あり: Sandwich ELISA, Flow Cyt, IHC-P
種交差性	交差種: Human, Recombinant fragment
免疫原	Recombinant full length protein corresponding to Human TNF alpha. Recombinant Human TNF-a
ポジティブ・コントロール	WB: Recombinant human TNF alpha protein (ab9642). Flow Cyt: THP1 cells.
特記事項	<p>This product is no longer batch tested in IHC, for an IHC validated antibody please see ab1793.</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&As</p>

製品の特性

製品の状態	Lyophilized:Reconstitute with 500µl of sterile water.
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.
精製度	Protein G purified
特記事項(精製)	This antibody was purified from cell culture by Protein G affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	2.1_4E10-1H11
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

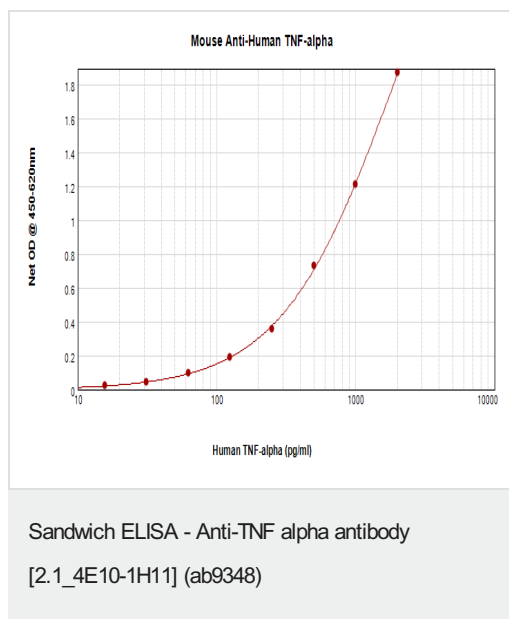
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab9348の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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. <u>ab170190</u> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		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



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.

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