

Anti-TNF alpha antibody ab9739

★★★★★ [11 Abreviews](#) [100 References](#) [2 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
经测试应用	适用于: WB, Sandwich ELISA
种属反应性	与反应: Recombinant fragment
免疫原	Recombinant fragment corresponding to Mouse TNF alpha aa 80-235. E.coli-derived recombinant MurineTNF-alpha Database link: P06804
阳性对照	Recombinant mouse TNF alpha protein (ab9740) can be used as a positive control in WB.
常规说明	<p>This product is no longer batch tested in IHC, for an IHC validated antibody please see ab1793.</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	Lyophilized:Reconstitute with 200µl of sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
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.
存储溶液	No preservative, sterile filtered
纯度	Immunogen affinity purified
克隆	多克隆
同种型	unknown
轻链类型	unknown

应用

The Abpromise guarantee Abpromise™ 承诺保证使用ab9739于以下的经测试应用

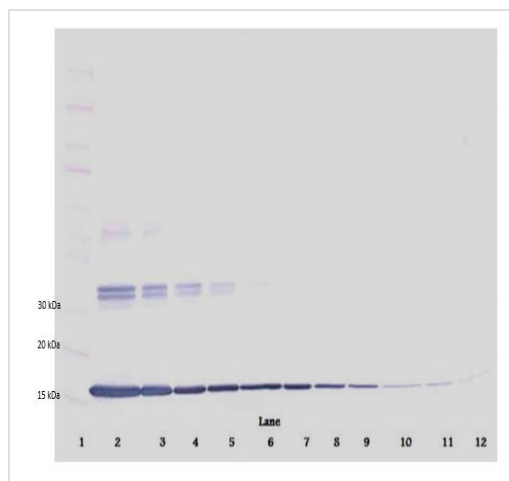
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (8)	Use at an assay dependent concentration. To detect TNF alpha by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant TNF alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. The precursor is ~26 kDa and the secreted form is ~17 kDa.
Sandwich ELISA		Use at an assay dependent concentration. To detect Murine TNF alpha by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of ab9739 is required. This antigen affinity purified antibody, in conjunction with <u>ab245857</u> detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine TNF alpha.

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

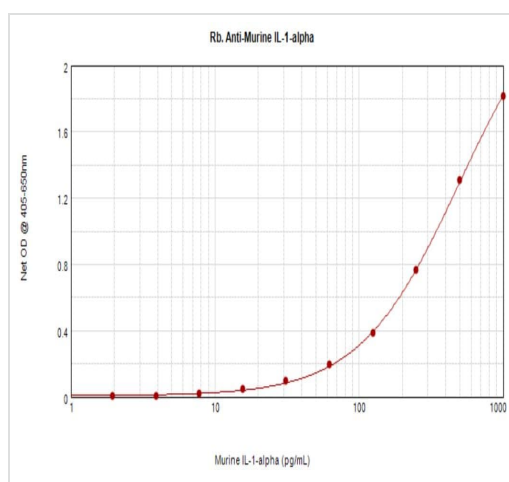


Western blot - Anti-TNF alpha antibody (ab9739)

To detect mouse TNF alpha by Western Blot analysis, ab9739 can be used at a concentration of 0.1-0.2 µg/ml. When used in conjunction with compatible development reagents, the detection limit for recombinant mouse TNF alpha is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Lanes 1-11: 250, 125, 62.5, 31.25, 15.625, 7.8, 3.9, 1.95, 0.975, 0.4875 and 0.24 ng recombinant mouse TNF alpha, respectively.

Non-reducing conditions.



Sandwich ELISA - Anti-TNF alpha antibody (ab9739)

ELISA analysis of ab9739. This antigen affinity purified antibody, in conjunction with a suitable detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Murine TNF alpha.

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