

Mouse TNF alpha Antibody Pair - BSA and Azide free ab241672

リコンビナント RabMAb

画像数 7

製品の概要

製品名	Mouse TNF alpha Antibody Pair - BSA and Azide free
アッセイタイプ	ELISA set
検出範囲	7.8 pg/ml - 500 pg/ml
種交差性	交差種: Mouse
製品の概要	<p>The Antibody Pair can be used to quantify Mouse TNF alpha. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (ab208348), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p>
アプリケーション	適用あり: Sandwich ELISA
試験プラットフォーム	Reagents

製品の特性

保存方法	Store at +4°C. Please refer to protocols.
キャリア・フリー	はい

内容	10 x 96 tests
Mouse TNF alpha Capture Antibody (unconjugated)	1 x 100µg

内容	10 x 96 tests
Mouse TNF alpha Detector Antibody (unconjugated)	1 x 100µg

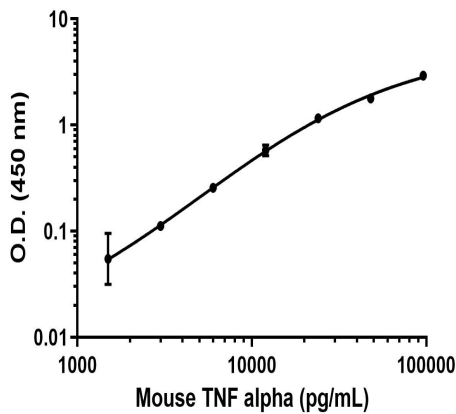
機能	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under 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.

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ab241672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。

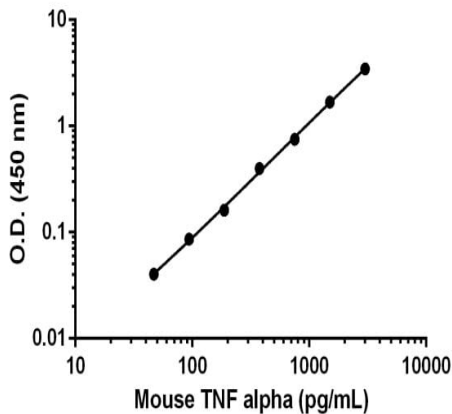
アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use at an assay dependent concentration.

画像



Sandwich ELISA - Recombinant mouse TNF alpha protein standard curve

Background subtracted standard curve using Mouse TNF alpha Antibody Pair - BSA and Azide free (ab241672) and Recombinant mouse TNF alpha protein (Active) ([ab259411](#)) in sandwich ELISA. The ELISA was performed using the components of the corresponding SimpleStep® kit, which uses the same antibody pair with a different formulation and format.



Sandwich ELISA - Mouse TNF alpha Antibody Pair - BSA and Azide free (ab241672)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab208348](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Standard Curve Measurements			
Conc. (pg/mL)	O.D. 450 nm		Mean O.D.
	1	2	
0	0.070	0.076	0.073
46.88	0.131	0.132	0.132
93.75	0.198	0.183	0.191
187.5	0.306	0.309	0.308
375	0.520	0.537	0.529
750	0.965	0.963	0.964
1,500	1.840	1.821	1.830
3,000	3.046	3.134	3.090

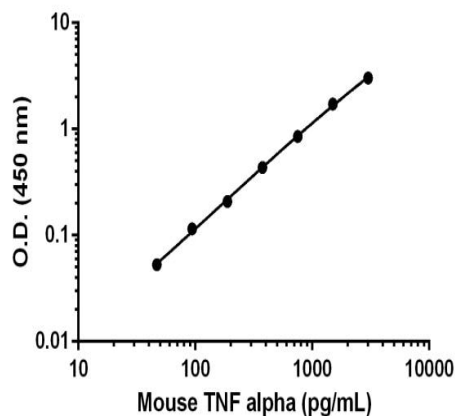
Sandwich ELISA - Mouse TNF alpha Antibody Pair -
BSA and Azide free (ab241672)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab208348](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Standard Curve Measurements			
Conc. (pg/mL)	O.D. 450 nm		Mean O.D.
	1	2	
0	0.054	0.066	0.060
62.5	0.107	0.107	0.107
125	0.172	0.163	0.167
250	0.257	0.250	0.253
500	0.481	0.468	0.474
1,000	0.904	0.879	0.891
2,000	1.693	1.633	1.663
4,000	3.001	2.924	2.962

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Sandwich ELISA - Mouse TNF alpha Antibody Pair -
BSA and Azide free (ab241672)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab208348](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Standard Curve Measurements			
Conc. (pg/mL)	O.D. 450 nm		Mean O.D.
	1	2	
0	0.088	0.070	0.079
46.88	0.132	0.132	0.132
93.75	0.187	0.202	0.194
187.5	0.280	0.293	0.287
375	0.519	0.511	0.515
750	0.934	0.935	0.935
1,500	1.797	1.806	1.801
3,000	3.098	3.116	3.107

Sandwich ELISA - Mouse TNF alpha Antibody Pair -
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Powered by
recombinant antibodies



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Sandwich ELISA - Mouse TNF alpha Antibody Pair -
BSA and Azide free (ab241672)

To learn more about the advantages of recombinant antibodies see [here](#).

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

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