

Biotin Anti-RANTES antibody ab83135

画像数 2

製品の概要

製品名	Biotin Anti-RANTES antibody
製品の詳細	Biotin Rabbit polyclonal to RANTES
由来種	Rabbit
標識	Biotin
アプリケーション	適用あり: Sandwich ELISA, WB
種交差性	交差種: Recombinant fragment
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
特記事項	<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:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Constituent: PBS
精製度	Protein A purified
特記事項(精製)	ab83135 is sterile filtered.
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ab83135の使用に適用されません

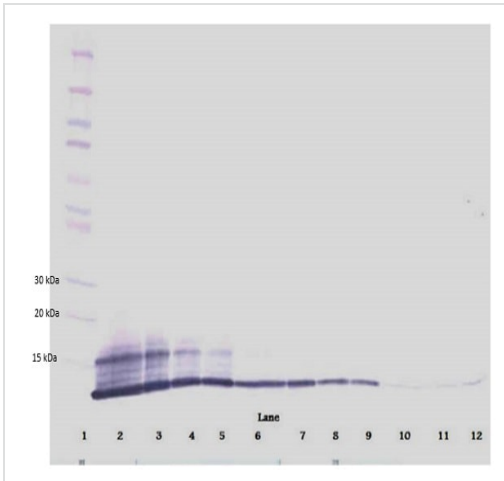
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant murine RANTES.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 10 kDa. The detection limit for recombinant murine RANTES is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ターゲット情報

機能	Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.
組織特異性	T-cell and macrophage specific.
配列類似性	Belongs to the intercrine beta (chemokine CC) family.
翻訳後修飾	N-terminal processed form RANTES(3-68) is produced by proteolytic cleavage, probably by DPP4, after secretion from peripheral blood leukocytes and cultured sarcoma cells. The identity of the O-linked saccharides at Ser-27 and Ser-28 are not reported in PubMed:1380064. They are assigned by similarity.
細胞内局在	Secreted.

画像

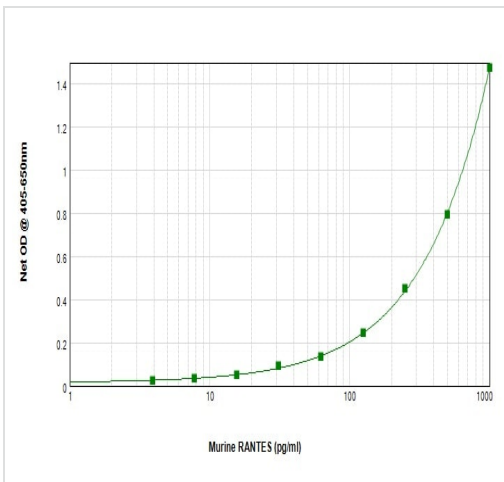


Western blot - Biotin Anti-RANTES antibody
(ab83135)

To detect murine RANTES by Western Blot analysis ab83135 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 murine RANTES is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Image shown is reducing conditions; Murine recombinant RANTES protein at 250 - 0.24 ng/ml.

Lane 1 is MW marker, lanes 2-12 murine recombinant RANTES protein.



Sandwich ELISA - Biotin Anti-RANTES antibody
(ab83135)

To detect mouse RANTES by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of ab83135 is required. This biotinylated polyclonal antibody, in conjunction with an appropriate anti-RANTES antibody as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant mouse RANTES.

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

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