

Biotin Anti-sRANKL antibody ab83145

画像数 2

製品の概要

製品名	Biotin Anti-sRANKL antibody
製品の詳細	Biotin Rabbit polyclonal to sRANKL
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	Highly pure (>98%) recombinant human sRANKL.
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 50 µl sterile PBS containing 0.1% BSA to give a concentration of 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	Immunogen affinity purified
特記事項 (精製)	ab83145 is sterile filtered. ab83145 was purified by affinity chromatography and then biotinylated.
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ab83145の使用に適用されます

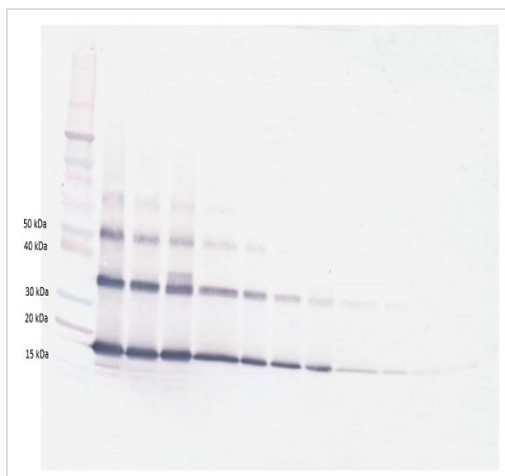
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
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 human sRANKL.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 28 kDa. The detection limit for recombinant hsRANKL is 1.5 - 3.0 ng/lane, under either reducing or non reducing conditions.

ターゲット情報

機能	Cytokine that binds to TNFRSF11B/OPG and to TNFRSF11A/RANK. Osteoclast differentiation and activation factor. Augments the ability of dendritic cells to stimulate naive T-cell proliferation. May be an important regulator of interactions between T-cells and dendritic cells and may play a role in the regulation of the T-cell-dependent immune response. May also play an important role in enhanced bone-resorption in humoral hypercalcemia of malignancy.
組織特異性	Highest in the peripheral lymph nodes, weak in spleen, peripheral blood Leukocytes, bone marrow, heart, placenta, skeletal muscle, stomach and thyroid.
関連疾患	Defects in TNFSF11 are the cause of osteopetrosis autosomal recessive type 2 (OPTB2) [MIM:259710]; also known as osteoclast-poor osteopetrosis. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. The disorder occurs in two forms: a severe autosomal recessive form occurring in utero, infancy, or childhood, and a benign autosomal dominant form occurring in adolescence or adulthood. Autosomal recessive osteopetrosis is usually associated with normal or elevated amount of non-functional osteoclasts. OPTB2 is characterized by paucity of osteoclasts, suggesting a molecular defect in osteoclast development.
配列類似性	Belongs to the tumor necrosis factor family.
翻訳後修飾	The soluble form of isoform 1 derives from the membrane form by proteolytic processing (By similarity). The cleavage may be catalyzed by ADAM17.
細胞内局在	Cytoplasm; Secreted and Cell membrane.

画像

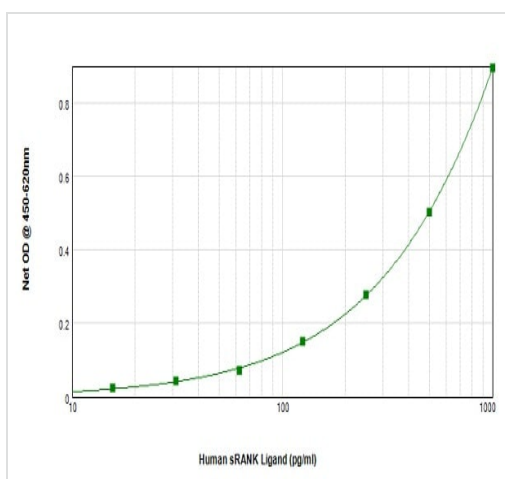


Western blot - Biotin Anti-sRANKL antibody
(ab83145)

To detect human sRANKL by Western Blot analysis ab83145 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 human sRANKL is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Image shown is non-reducing conditions; Human recombinant sRANKL protein at 250 - 0.24 ng/ml.

Lane 1 is MW marker, lanes 2-12 human recombinant sRANKL protein.



Sandwich ELISA - Biotin Anti-sRANKL antibody
(ab83145)

To detect human sRANKL by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of ab83145 is required. This biotinylated polyclonal antibody, in conjunction with an anti-RANKL ([ab9957](#)) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant human sRANKL.

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

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