

Biotin Anti-sRANKL antibody ab83145

2 图像

概述

产品名称	生物素Anti-sRANKL抗体
描述	生物素兔多克隆抗体to sRANKL
宿主	Rabbit
偶联物	Biotin
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Recombinant fragment
免疫原	Highly pure (>98%) recombinant human sRANKL.
常规说明	<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:Centrifuge vial prior to opening. Reconstitute in 50 µl sterile PBS containing 0.1% BSA to give a concentration of 1.0 mg/ml.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	ab83145 is sterile filtered. ab83145 was purified by affinity chromatography and then biotinylated.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab83145于以下的经测试应用

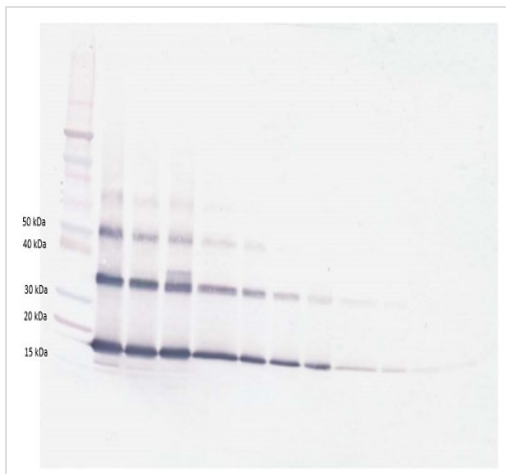
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	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.
组织特异性	Highest in the peripheral lymph nodes, weak in spleen, peripheral blood Leukocytes, bone marrow, heart, placenta, skeletal muscle, stomach and thyroid.
疾病相关	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.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form of isoform 1 derives from the membrane form by proteolytic processing (By similarity). The cleavage may be catalyzed by ADAM17.
细胞定位	Cytoplasm; Secreted and Cell membrane.

图片

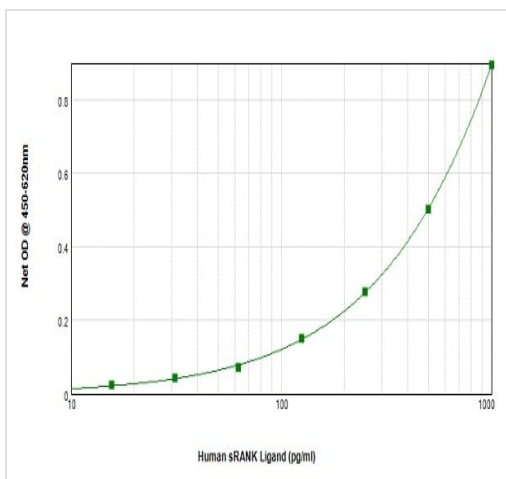


Western blot - Biotin Anti-sRANKL antibody
(ab83145)

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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