

## Product datasheet

# Anti-sRANKL antibody (Biotin) ab83436

### 概述

产品名称	Anti-sRANKL抗体(Biotin)
描述	山羊多克隆抗体to sRANKL (Biotin)
宿主	Goat
偶联物	Biotin
经测试应用	适用于: ELISA, Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Highly pure (>98%) recombinant human sRANKL

### 性能

形式	Lyophilised:Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 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	Preservative: None Constituents: PBS, pH 7.2
纯度	IgG fraction
纯化说明	ab83436 is sterile filtered. This antibody was purified by affinity chromatography and then biotinylated.
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab83436** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		
Sandwich ELISA		

应用	Ab评论	说明
WB		
<b>应用说明</b>	<p>ELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human sRANKL.</p> <p>sELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human sRANKL.</p> <p>WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human sRANKL is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Predicted molecular weight: 28 kDa.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>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.</p>	
<b>组织特异性</b>	<p>Highest in the peripheral lymph nodes, weak in spleen, peripheral blood Leukocytes, bone marrow, heart, placenta, skeletal muscle, stomach and thyroid.</p>	
<b>疾病相关</b>	<p>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.</p>	
<b>序列相似性</b>	<p>Belongs to the tumor necrosis factor family.</p>	
<b>翻译后修饰</b>	<p>The soluble form of isoform 1 derives from the membrane form by proteolytic processing (By similarity). The cleavage may be catalyzed by ADAM17.</p>	
<b>细胞定位</b>	<p>Cytoplasm; Secreted and Cell membrane.</p>	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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