


### Anti-RANKL antibody ab65024

★★★★☆ [2 Abreviews](#) [7 References](#) [画像数 2](#)

#### 製品の概要

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製品名	Anti-RANKL antibody
製品の詳細	Rabbit polyclonal to RANKL
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Synthetic peptide derived from an internal sequence of human RANKL
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&amp;As</p>

#### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
精製度	Without Mg <sup>2+</sup> and Ca <sup>2+</sup> Immunogen affinity purified
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

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## 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ab65024の使用に適用されます**

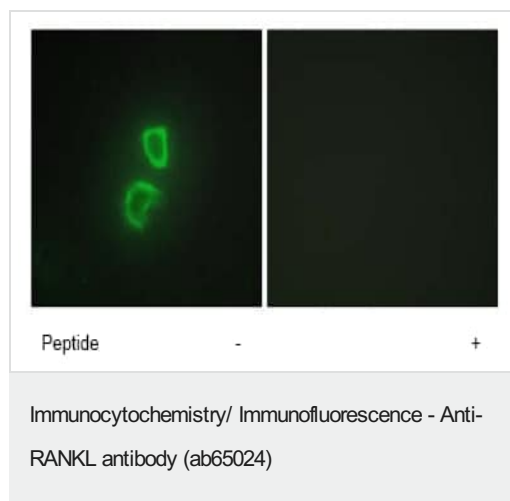
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/500 - 1/1000.
WB		1/500 - 1/1000. Detects a band of approximately 40 kDa (predicted molecular weight: 35 kDa).

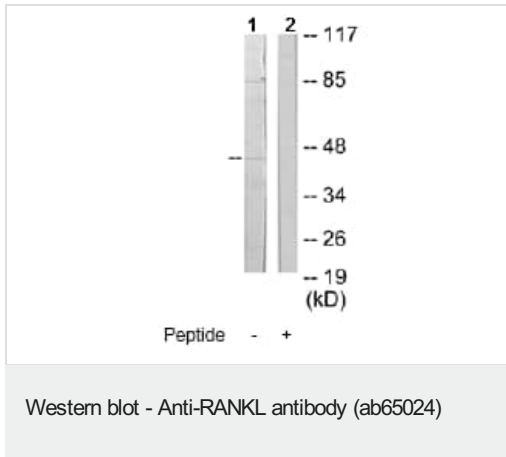
## ターゲット情報

<b>機能</b>	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.
<b>組織特異性</b>	Highest in the peripheral lymph nodes, weak in spleen, peripheral blood Leukocytes, bone marrow, heart, placenta, skeletal muscle, stomach and thyroid.
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the tumor necrosis factor family.
<b>翻訳後修飾</b>	The soluble form of isoform 1 derives from the membrane form by proteolytic processing (By similarity). The cleavage may be catalyzed by ADAM17.
<b>細胞内局在</b>	Cytoplasm; Secreted and Cell membrane.

## 画像



ab65024 at 1/500 - 1/1000 dilution staining RANKL in HepG2 cells by Immunofluorescence, in the absence (-) or presence (+) of the immunising peptide.



**All lanes** : Anti-RANKL antibody (ab65024) at 1/500 dilution

**Lane 1** : HuvEc cell extract

**Lane 2** : HuvEc cell extract with immunising peptide

**Predicted band size:** 35 kDa

**Observed band size:** 40 kDa

The amount of positive control loading for the WB is 5-30 ug of total protein. The amount of the peptide for the WB is 5-10 ug.

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

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