

### Anti-RANKL antibody [12A668] - BSA and Azide free ab45039

★★★★★ [2 Abreviews](#) [67 References](#) [5 图像](#)

#### 概述

产品名称	Anti-RANKL抗体[12A668] - BSA and Azide free
描述	小鼠单克隆抗体[12A668] to RANKL - BSA and Azide free
宿主	Mouse
经测试应用	适用于: ICC/IF, WB, IHC-P 不适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Mouse RANKL aa 1-317. Database link: <a href="#">Q14788</a>
阳性对照	IHC-P: Human lymph node and liver tissue. ICC/IF: HeLa (human epithelial cell line from cervix adenocarcinoma) cells. WB: Human lymph node lysate.
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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.40 Constituent: PBS
无载体	是
纯度	Protein G purified
克隆	单克隆
克隆编号	12A668
同种型	IgG1

kappa

## The Abpromise guarantee

“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。

**应用说明** Is unsuitable for Flow Cyt.

## 功能

### 组织特异性

## 疾病相关

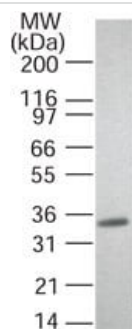
## 序列相似性

### 翻译后修饰

## 细胞定位

Cytoplasm; Secreted and Cell membrane.

图片

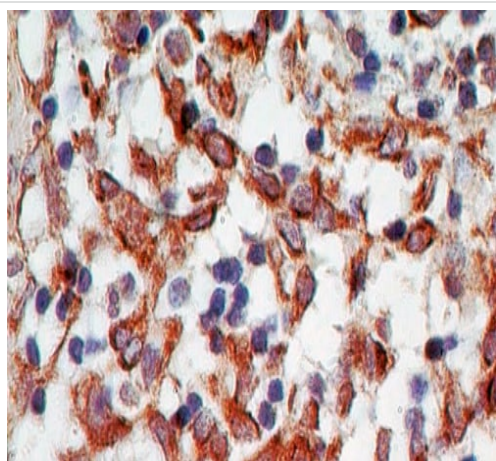


Western blot - Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039)  
and Azide free (ab45039)

Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039) at  
2  $\mu$ g + transfected cell lysate

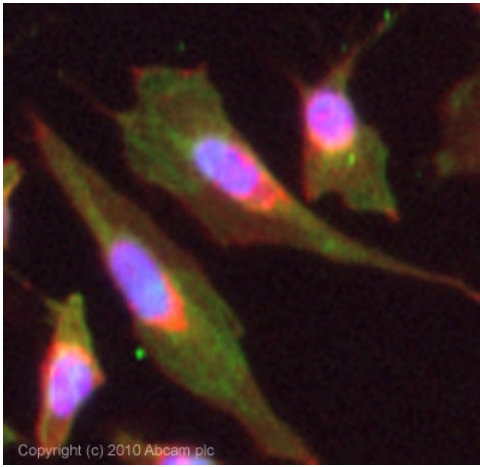
**Predicted band size:** 35 kDa

**Observed band size:** 35 kDa



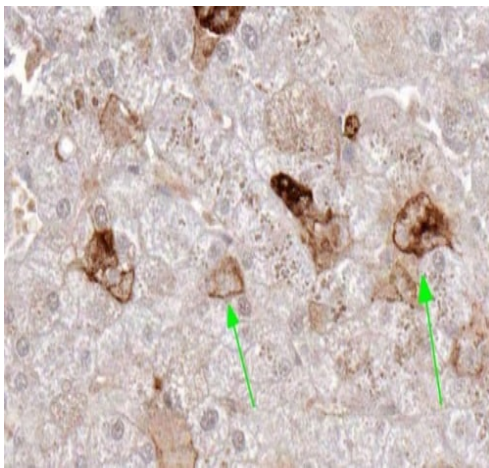
Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-RANKL antibody  
[12A668] - BSA and Azide free (ab45039)

Paraffin embedded human lymph node tissue stained for RANKL  
with ab45039 at 5  $\mu$ g/ml.



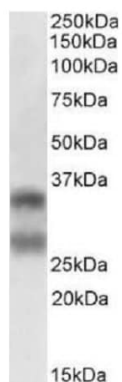
Immunocytochemistry/ Immunofluorescence - Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039)

ICC/IF image of ab45039 stained HeLa cells. The cells were 4% formaldehyde fixed (10 minutes) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1 hour to permeabilize the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab45039, 10 µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 hour. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1 hour. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43 µM.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039)

Paraffin embedded human liver tissue stained for RANKL with ab45039 at a 1/500 dilution. Peroxidase-conjugate and DAB chromogen. A 2 hour incubation at RT was used.



Western blot - Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039)

Anti-RANKL antibody [12A668] - BSA and Azide free (ab45039) at 0.5 µg/ml + human lymph node lysate in RIPA buffer at 35 µg

**Predicted band size:** 35 kDa

**Additional bands at:** 28 kDa (possible isoform)

Band detected at ~35kDa and ~28kDa. (Expected MW of 35.5kDa according to NP\_003692.1 and of 27.7kDa according to NP\_143026.1)

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

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