

# Anti-Osteoprotegerin antibody ab183910

**27 References**   **3 图像**

### 概述

产品名称	Anti-Osteoprotegerin抗体
描述	兔多克隆抗体to Osteoprotegerin
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide within Human Osteoprotegerin aa 1-67. The exact sequence is proprietary. Database link: <a href="#">O00300</a>
阳性对照	Raji whole cell lysate; Mouse heart lysate; Cal27 xenograft.
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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

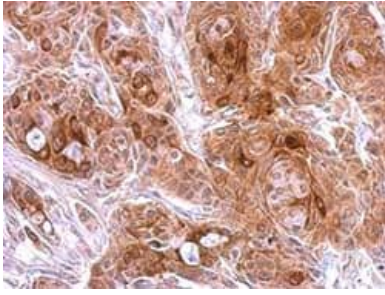
Abpromise™承诺保证使用ab183910于以下的经测试应用

“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
WB		1/500 - 1/3000. Predicted molecular weight: 46 kDa.
IHC-P		1/100 - 1/1000.

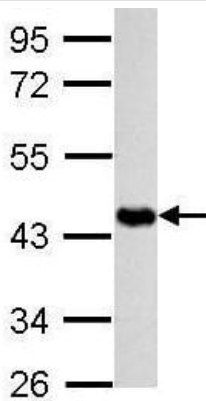
靶标	
功能	Acts as decoy receptor for RANKL and thereby neutralizes its function in osteoclastogenesis. Inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Bone homeostasis seems to depend on the local RANKL/OPG ratio. May also play a role in preventing arterial calcification. May act as decoy receptor for TRAIL and protect against apoptosis. TRAIL binding blocks the inhibition of osteoclastogenesis.
组织特异性	Highly expressed in adult lung, heart, kidney, liver, spleen, thymus, prostate, ovary, small intestine, thyroid, lymph node, trachea, adrenal gland, testis, and bone marrow. Detected at very low levels in brain, placenta and skeletal muscle. Highly expressed in fetal kidney, liver and lung.
疾病相关	Defects in TNFRSF11B are the cause of juvenile Paget disease (JPD) [MIM:239000]; also known as hyperostosis corticalis deformans juvenilis or hereditary hyperphosphatasia or chronic congenital idiopathic hyperphosphatasia. JPD is a rare autosomal recessive osteopathy that presents in infancy or early childhood. The disorder is characterized by rapidly remodeling woven bone, osteopenia, debilitating fractures, and deformities due to a markedly accelerated rate of bone remodeling throughout the skeleton. Approximately 40 cases of JPD have been reported worldwide. Unless it is treated with drugs that block osteoclast-mediated skeletal resorption, the disease can be fatal.
序列相似性	Contains 2 death domains. Contains 4 TNFR-Cys repeats.
翻译后修饰	N-glycosylated. Contains sialic acid residues. The N-terminus is blocked.
细胞定位	Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Osteoprotegerin antibody (ab183910)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft labeling OPG with ab183910 at 1/500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0 for 15 min.

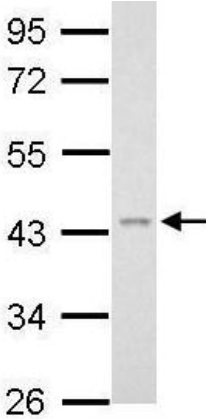


Western blot - Anti-Osteoprotegerin antibody (ab183910)

Anti-Osteoprotegerin antibody (ab183910) at 1/1000 dilution + Mouse heart lysate at 50 µg

**Predicted band size:** 46 kDa

10% SDS-PAGE



Western blot - Anti-Osteoprotegerin antibody (ab183910)

Anti-Osteoprotegerin antibody (ab183910) at 1/1000 dilution + Raji whole cell lysate at 30 µg

**Predicted band size:** 46 kDa

10% SDS-PAGE

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors