

bsm-62482R**[Primary Antibody]****OPG Recombinant Rabbit mAb****BioSS**
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

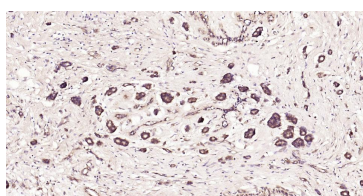
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 2G14**GeneID:** 4982**SWISS:** O00300**Target:** OPG**Immunogen:** A synthesized peptide derived from human TNFRSF11B: 54-101.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Acts as a decoy receptor for TNFSF11/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 ratio between TNFSF11 and TNFRSF11B.**Applications:** IHC-P (1:100-500)

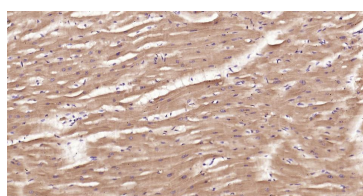
IHC-F (1:100-500)

IF (1:100-500)

ICC/IF (1:50-200)

Reactivity: Human**Predicted
MW.:** 46**Subcellular
Location:** Secreted**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with OPG Monoclonal Antibody, Unconjugated(bsm-62482R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with OPG Monoclonal Antibody, Unconjugated(bsm-62482R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=3.5]** Li Lan. et al. Mechanically induced M2 macrophages are involved in bone remodeling of the midpalatal suture during palatal expansion. PROG ORTHOD. 2024 Dec;25(1):1-12 IHC ;Rat. 39098934