

OPG Polyclonal Antibody(Capture/Detector)

catalog number: AN003090P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

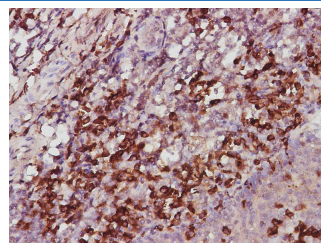
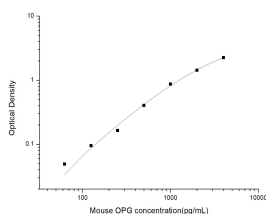
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse |
| Immunogen | Recombinant Mouse OPG Protein expressed by Mammalian |
| Host | Rabbit |
| Isotype | Rabbit IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| buffer | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

Applications

| Applications | Recommended Dilution |
|-----------------------|----------------------|
| ELISA Capture | 2-8 µg/mL |
| ELISA Detector | 0.1-0.4 µg/mL |
| IHC | 1:300-1:600 |

Data



Sandwich ELISA-Recombinant Mouse OPG Protein standard curve. Background subtracted standard curve using Anti-OPG antibody(AN003090P)(Capture), Anti-OPG antibody(AN003090P)(Detector). The reference range value is 62.5-4000 pg/mL for mouse.

Immunohistochemistry of paraffin-embedded Human tonsil using OPG Polyclonal Antibody at dilution of 1:600.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Osteoprotegerin (OPG)/Osteoclastogenesis Inhibitory Factor (OCIF) is a member of the tumor necrosis factor receptor superfamily that lacks any apparent cell-association motifs and exists as a soluble secreted protein. In the TNF superfamily nomenclature, OPG is referred to as TNFRSF11B. OPG was originally isolated by sequence homology as a TNF receptor family protein during a fetal rat intestine cDNA-sequencing project and subsequently shown to be involved in the regulation of bone density.

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