

# Human RANKL Monoclonal Antibody

Catalog No.: YR0036

## Basic Information

### Molecular Weight

150 kDa

### Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

### Sterility

0.2 μm filtration

### Aggregation

<5% Determined by SECP

### Purity

>95% Determined by SDS-PAGE

## Background

Denosumab, a fully human monoclonal antibody, inhibits the RANKL (RANK ligand) protein, the primary signal for bone removal. Denosumab can be used for the treatment of osteoporosis, treatment-induced bone loss, bone metastases, multiple myeloma, and giant cell tumor of bone.

## Reported Applications

ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways

## Immunogen Information

### Clone

Denosumab Biosimilar

### Isotype

Human IgG2 kappa

### Immunogen

Human RANK Ligand

### Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG2 Kappa Isotype Control Antibody

### Recommended Dilution Buffer

1×PBS pH 5.2

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

Protein A or G purification

### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)