



# ABCLONAL TOP CYTOKINE PROTEINS

## 50% OFF

Valid: 1 January 2026 – 30 June 2026

### Terms & Conditions

- Available exclusively to end-users in the Asia-Pacific region (excluding Mainland China) and Europe.
- This promotion applies only to the products labeled under the "Proteins 50% OFF" offer.
- Promotion period: 1 January 2026 – 30 June 2026
- Promo code **ABP20260101** must be entered at checkout to participate.
- ABclonal Technology reserves the right of final interpretation.



With over **50,000** citations and a cumulative impact factor of more than **360,000**,  
ABclonal has been ranked in the CiteAb citation leaderboard for three consecutive years.



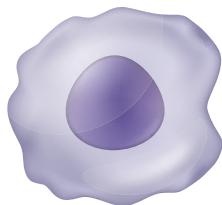
[www.abclonal.com](http://www.abclonal.com)



[info@abclonal.com](mailto:info@abclonal.com)

## Product Application

### Macrophage induction and Polarization



### Osteoclasts Induction



### Stem Cell Culture and Induced Differentiation



### Organoid Culture

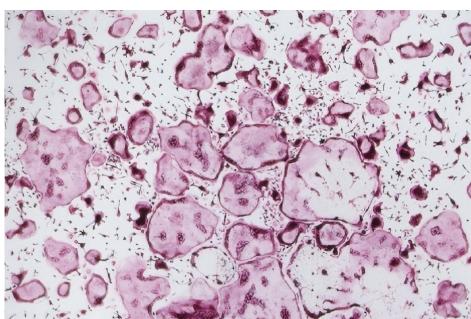


## Product Superiority

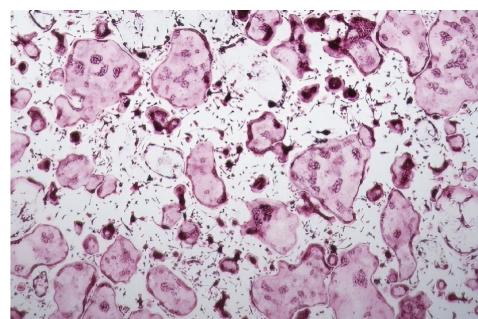
### Quality Control: Fully Validated Recombinant Cytokines

Purity determination by SDS PAGE & SEC-HPLC, Endotoxin content determination by LAL method (meet the requirements of cell culture), and Bioactivity validation by Cell-based assay.

#### Osteoclast induced from primary mouse bone marrow cells (4x)



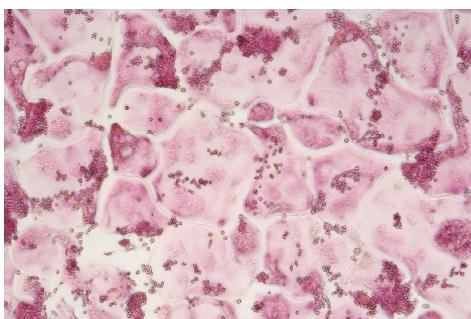
50 ng/mL M-CSF (ABclonal, RP01216S)  
100 ng/mL RANKL (ABclonal, RP02134)



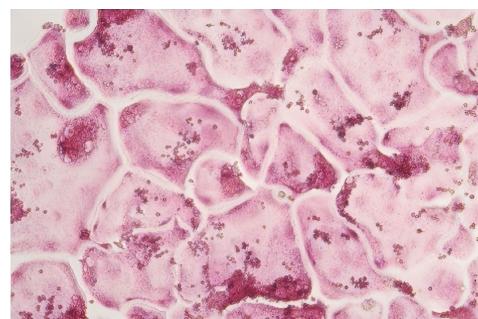
50 ng/mL M-CSF (ABclonal, RP01216S)  
100 ng/mL RANKL (R Brand)

Primary mouse bone marrow cells → 50 ng/mL M-CSF, 72 h → 50 ng/mL M-CSF + 100 ng/mL RANKL, 72 h. Osteoclasts successfully induced.

#### Osteoclast induced from RAW264.7 (10x)



100 ng/mL RANKL (ABclonal, RP02134)



100 ng/mL RANKL (R Brand)

RAW264.7 cells → 100 ng/mL RANKL, 72 h. Osteoclasts successfully induced.



Scan to View Landing Page



Scan for Promo Products