



A Reliable Research Partner in Life Science and Medicine

# **Recombinant CSF-1R Monoclonal Antibody**

catalog number: AN301782L

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

#### Description

Reactivity Rat; Mouse

Immunogen Recombinant human CSF-1R fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A490

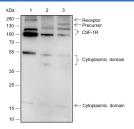
**Purification** Protein A purified

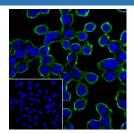
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**WB** 1:1000-1:5000 **IF** 1:100-1:300

#### Data





Western Blot with CSF-1R Monoclonal Antibody at dilution of Immunofluorescent analysis of (4% Paraformaldehyde) fixed 1:5000. Lane 1: RAW264.7, Lane 2: Mouse placenta, Lane RAW264.7 cells using anti-CSF-1R Monoclonal Antibody at 3: Rat lung dilution of 1:300.

Observed-MW:109 kDa Calculated-MW:109 kDa

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

The protein is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases.

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