

PE Rat anti-Mouse CD115/CSF-1R mAb

Catalog No.: A25668

Basic Information

Observed MW

Refer to figures

Calculated MW

109kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0020

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 0.25 \mu\text{g}$ per 10^6 cells in 100 μl volume.

Background

Enables several functions, including macrophage colony-stimulating factor receptor activity; protein homodimerization activity; and protein phosphatase binding activity. Involved in several processes, including nervous system development; positive regulation of protein phosphorylation; and protein phosphorylation. Located in cell surface and plasma membrane. Part of CSF1-CSF1R complex. Is expressed in several structures, including alimentary system; central nervous system; extraembryonic component; genitourinary system; and limb. Human ortholog(s) of this gene implicated in adult-onset leukoencephalopathy with axonal spheroids and pigmented glia and renal cell carcinoma. Orthologous to human CSF1R (colony stimulating factor 1 receptor).

Immunogen Information

Gene ID

12978

Swiss Prot

P09581

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Fms; Fim2; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R

Contact

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Product Information

Source

Rat

Isotype

Rat IgG2a, κ

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide