

Phospho-CSF1R-Y708 Rabbit Polyclonal Antibody



CABP0609

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

175kDa

Calculated MW:

33kDa/107kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene 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. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. Alternative splicing results in multiple transcript variants. Expression of a splice variant from an LTR promoter has been found in Hodgkin lymphoma (HL), HL cell lines and anaplastic large cell lymphoma.

Immunogen information

Gene ID:

1436

Uniprot

P07333

Synonyms:

CSF1R; C-FMS; CD115; CSF-1R; CSFR; FIM2; FMS; HDLS; M-CSF-R; BANDDOS

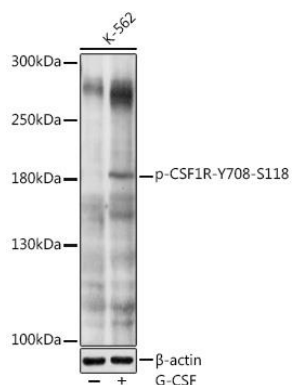
Immunogen:

A synthetic phosphorylated peptide around Y708 of human CSF1R (NP_005202.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of K-562 cells, using Phospho-CSF1R-Y708 antibody (CABP0609) at 1:1000 dilution. K-562 cells were treated by G-CSF (25 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.