

AP0607

Leader in Biomolecular Solutions for Life Science



# Phospho-CD115/CSF-1R-Y699 Rabbit pAb

Catalog No.: AP0607

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

108kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

1436

### Swiss Prot

P07333

### Immunogen

A synthetic phosphorylated peptide around Y699 of human CSF1R (NP\_005202.2).

### Synonyms

FMS; CSFR; FIM2; GPSC; HDLS; C-FMS; CD115; HDLS1; CSF-1R; BANDDOS; M-CSF-R; Phospho-CD115/CSF-1R-Y699

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.