

**Phospho-CSF-1R/M-CSF-R (Tyr561) Rabbit Polyclonal Antibody****Catalog #: EAB14450**

| Host/Isotype | Clonality  | Applications         | MW (kDa) | Reactivity        |
|--------------|------------|----------------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB, IHC-P, IF, ELISA | 108      | Human, Mouse, Rat |

**Applications Dilutions**

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                                                  |              |
|--------------------------------------------------|--------------|
| <b>WB</b> (Western Blotting)                     | 1:500-2000   |
| <b>IHC-P</b> (Immunohistochemistry-Paraffin)     | 1:50-300     |
| <b>IF</b> (Immunofluorescence)                   | 1:50-300     |
| <b>ELISA</b> (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

**Product Information**

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugate</b>      | Unconjugate                                                                                                                                |
| <b>Specificity</b>    | Phospho-CSF-1R/M-CSF-R (Tyr561) Rabbit Polyclonal Antibody detects endogenous levels of CSF-1R/M-CSF-R only when phosphorylated at Tyr561. |
| <b>Purification</b>   | Affinity purification                                                                                                                      |
| <b>Concentration</b>  | 1mg/ml                                                                                                                                     |
| <b>Format</b>         | Liquid                                                                                                                                     |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.                                                                  |
| <b>Shipping</b>       | Gel Pack                                                                                                                                   |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.    |
| <b>UniProt ID</b>     | <a href="#">P07333</a>                                                                                                                     |
| <b>Entrez-Gene ID</b> | <a href="#">1436</a>                                                                                                                       |

**Product Description**

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.

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