

## Product datasheet for **AP22414PU-N**

### MCSF Receptor (CSF1R) (734-744) Goat Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | ELISA, WB   |
| Recommended Dilution: | <b>Peptide ELISA:</b> Limit Dilution: 1/8000.<br><b>Western blot:</b> 0.2-1 µg/ml. In transfected HEK293 transiently expressing full-length Human CSF1R (myc and DYKDDDDK tagged), a band of approx. 200kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. |
| Reactivity:           | Canine, Human, Mouse, Rat   |
| Host:                 | Goat  |
| Clonality:            | Polyclonal  |
| Immunogen:            | Peptide with sequence from the internal region of the protein sequence according to NP_005202.2.  |
| Specificity:          | Recognizes CD115/CSF1R (734-744).   |
| Formulation:          | Tris saline, pH~7.3 with 0.02% Sodium Azide and 0.5% BSA<br>State: Aff - Purified<br>State: Liquid purified Ig fraction   |
| Concentration:        | lot specific  |
| Purification:         | Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide  |
| Conjugation:          | Unconjugated  |
| Storage:              | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.   |
| Gene Name:            | colony stimulating factor 1 receptor  |
| Database Link:        | <a href="#">Entrez Gene 1436 Human P07333</a>   |



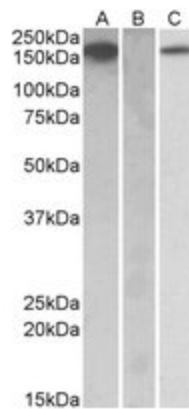
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**Background:**

CD115, also known as c-fms, macrophage Colony Stimulating Factor Receptor (M-CSFR), or CSF-1R, exists in immature (gp130c-fms) and mature (gp150c-fms) forms. CSF-1R exhibits an intrinsic tyrosine-specific protein kinase activity. It is expressed on the cells of the mononuclear phagocyte lineage. CSF-1R is an integral transmembrane glycoprotein consisting of a 512 amino acid extracellular domain that includes the CSF-1 binding site, a single 25 amino acid membrane-spanning segment, and a 435 amino acid cytoplasmic portion that includes the tyrosine kinase domain.

**Synonyms:**

CSF-1-R, Fms proto-oncogene, c-fms, CSF1R, FMS, Macrophage colony-stimulating factor 1 receptor

**Product images:**

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human CSF1R with C-terminal MYC tag probed with (1 ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.