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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10257 - Goat Anti-CSF1R (aa 700-710) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD115, CD115 antigen, C-FMS, colony stimulating factor 1 receptor, CSFR, FIM2, FMS, FMS proto-oncogene, macrophage colony stimulating factor I receptor, McDonough feline sarcoma viral (v-fms) oncogene homolog, CSF1R

**Official Symbol:** CSF1R

**Accession Number(s):** NP\_005202.2

**Human GeneID(s):** [1436](#)

**Non-Human GeneID(s):** 12978 (mouse), 307403 (rat)

### Immunogen

Peptide with sequence C-KNIHLEKKYVR, from the internal region of the protein sequence according to NP\_005202.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

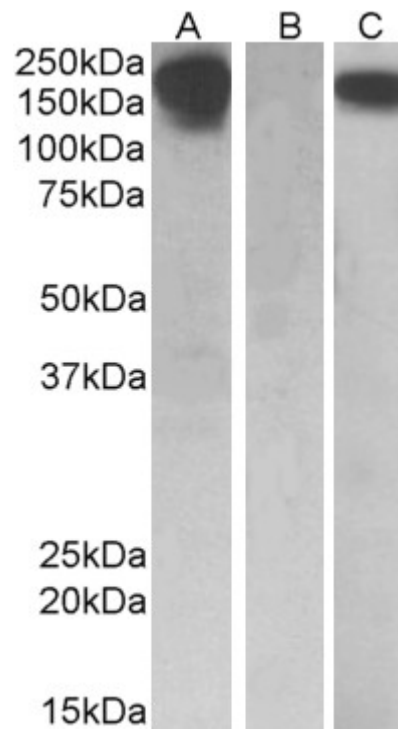
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** 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. Recommended concentration, 0.1-0.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human CSF1R with C-terminal MYC tag probed with EB10257 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10257 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.