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Research Use Only. Not for diagnostic or therapeutic use.

EB10258 - Goat Anti-CSF1R (aa734-744) 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; NP_001275634.1; NP_001362250.1

Human GeneID(s): 1436

Non-Human GenelD(s): 307403 (rat)

Immunogen

Peptide with sequence C-NDSFSEQDLDK, from the internal region of the protein sequence according to NP_005202.2; NP_001275634.1; NP_001362250.1.

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 1:8000.

Western blot: Approx. 100kDa band observed in lysates of cell line THP-1 (calculated MW. of 108kDa according to NP_005202.2). Recommended concentration: 1.5-3μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Spleen and Tonsil. Recommended concentration: 5-6µg/ml.

Flow Cytometry: Flow cytometric analysis of THP-1 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa

75kDa

50kDa

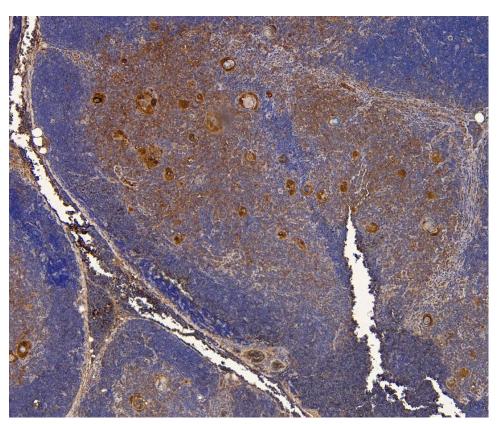
37kDa

25kDa

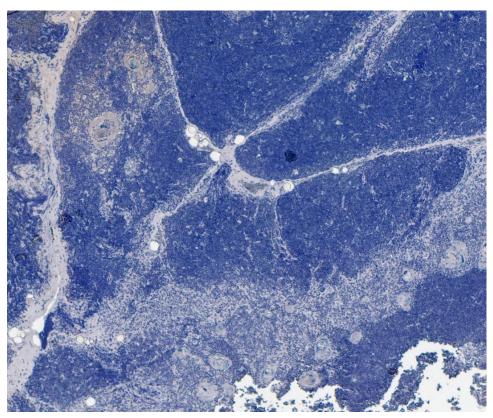
20kDa

15kDa

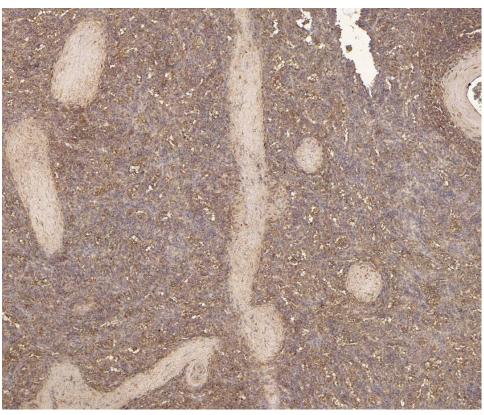
EB10258 (3µg/ml) staining of THP-1 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



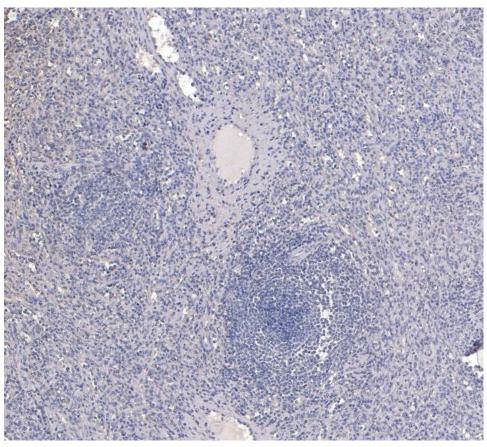
EB10258 (6μg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



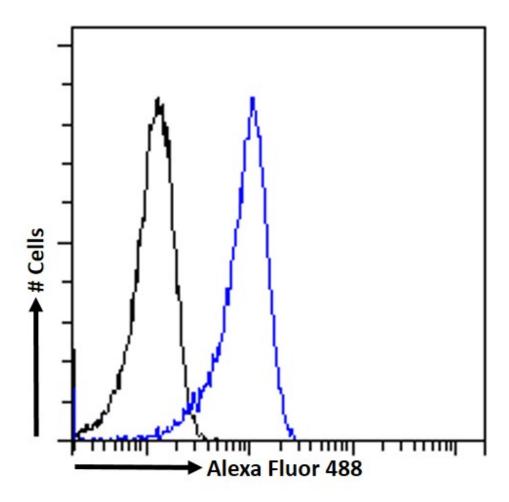
EB10258 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



EB10258 ($5\mu g/ml$) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB10258 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



EB10258 Flow cytometric analysis of paraformaldehyde fixed THP-1 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.