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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 GeneID(s): 307403 (rat)

Immunogen

Peptide with sequence C-NDSFSEQDLK, 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.

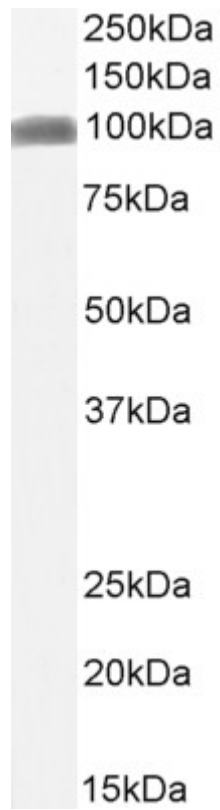
IHC: Paraffin embedded Human Spleen and Tonsil. Recommended concentration: 5-6µg/ml.

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

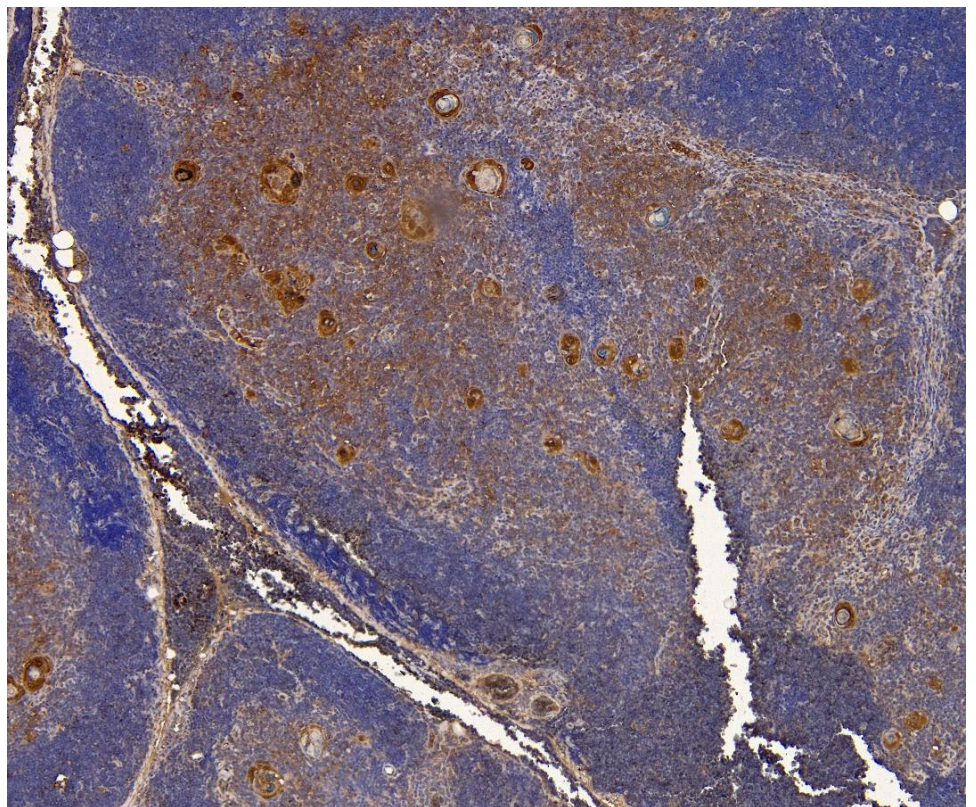
Species Reactivity

Tested: Human

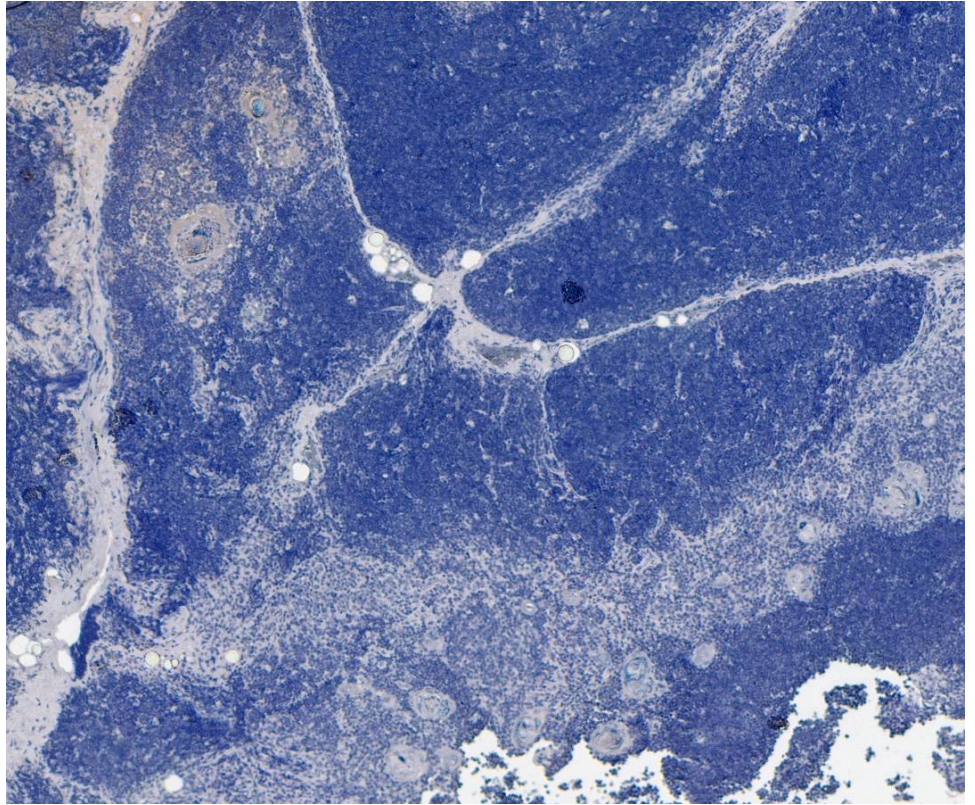
Expected from sequence similarity: Human, Dog, Cow



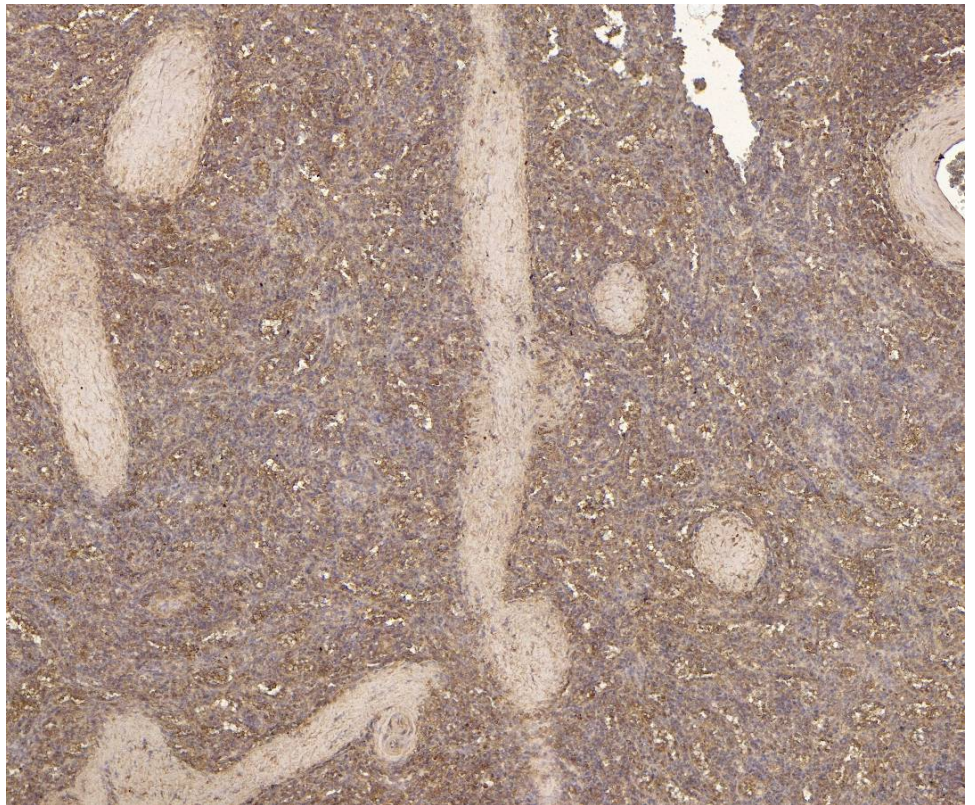
EB10258 (3µg/ml) staining of THP-1 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



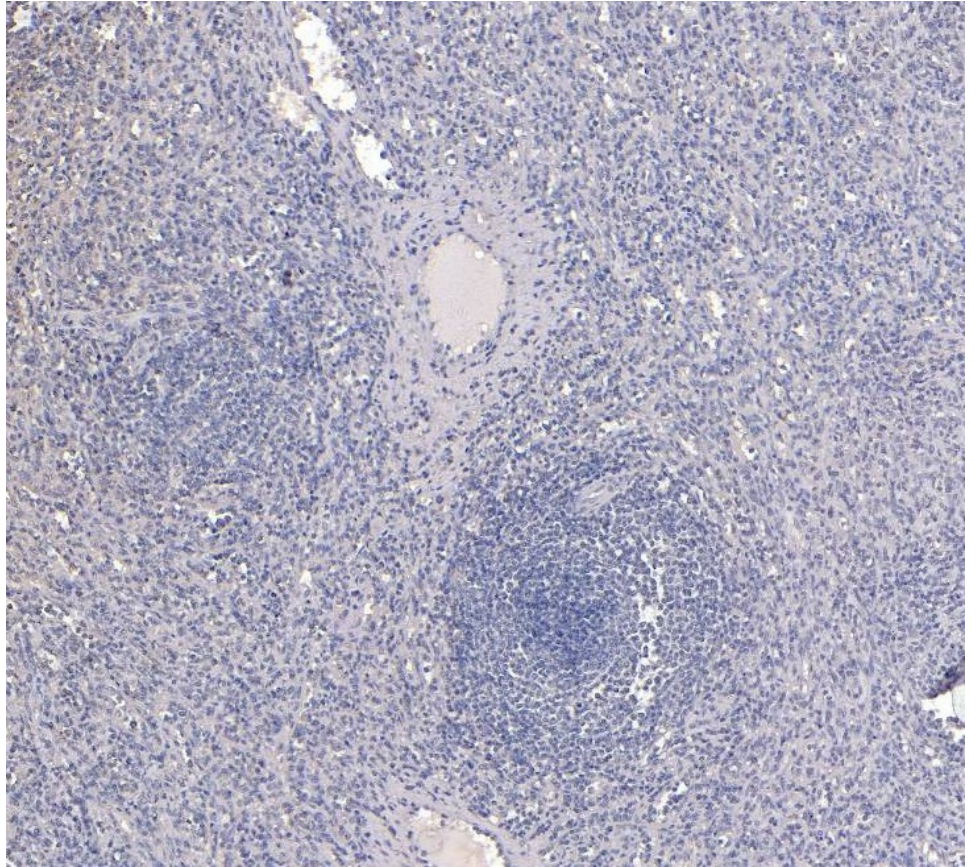
EB10258 (6µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



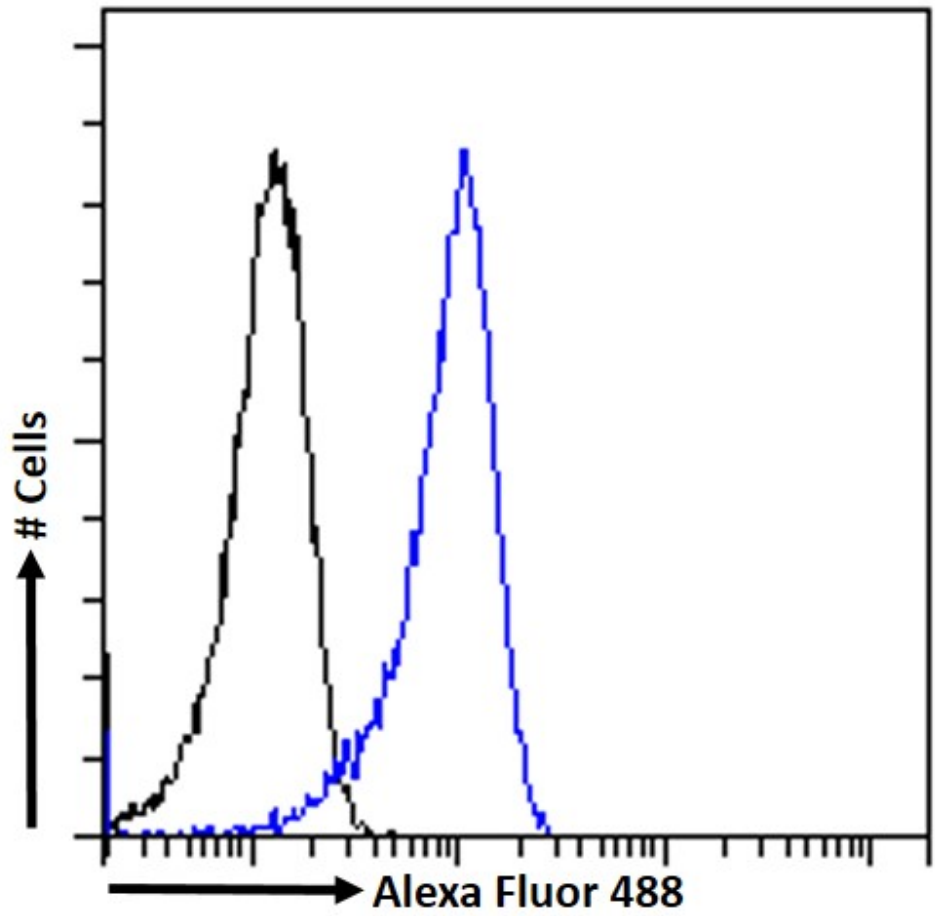
EB10258 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



EB10258 (5 μ 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.