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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06650 - Goat Anti-CCL3 and CCL3L1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MIP1AP, MGC182017, MGC104178, small inducible cytokine A3-like 1, MIP-1aP, chemokine (C-C motif) ligand 3-like 1, MGC12815, LD78BETA, D17S1718, SCYA3L1, G0S19-2, SCYA3L, 464.2, LD78, CCL3L1, small inducible cytokine A3 (homologous to mouse Mip-1a), Small inducible cytokine A3, LD78 alpha beta, SCYA3, MIP1A, MIP-1-alpha, LD78ALPHA, G0S19-1, chemokine (C-C motif) ligand 3, CCL3

Official Symbol: CCL3L1; CCL3

Accession Number(s): NP_002974.1; NP_066286.1

Human GeneID(s): [6348](#) , [6349](#)

Important Comments: Please note this product is expected to recognize the products of 2 different genes which are almost identical.

Immunogen

Peptide with sequence C-EWVQKYVSDLELSA, from the C Terminus of the protein sequence according to NP_002974.1; NP_066286.1.

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 1:32000.

Western blot: Preliminary experiments gave bands at approx 26+28kDa (doublet) and 40kDa in Human Bone Marrow and Spleen lysates after 0.1µg/ml antibody staining. The 26+28kDa doublet was also found in Human Lymph Node and in Tonsil lysates. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 10.2kDa according to NP_066286.1. The detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain these bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human