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Datasheet for ABIN116427
anti-CCL3L1 antibody (Biotin)

Overview

Quantity:	25 µg
Target:	CCL3L1
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CCL3L1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly pure (>98%) recombinant hLD78-Beta.
Purification:	Affinity chromatography

Target Details

Target:	CCL3L1
Alternative Name:	LD78 beta / CCL3L1 (CCL3L1 Products)
Background:	LD78 belongs to the intercrine beta (chemokine CC) family. It is closely related to MIP-1 alpha. This protein binds to several chemokine receptors including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, binding of this protein to CCR5 inhibits HIV entry, and LD78 beta has been shown to exhibit potent activity in HIV suppression assays. The copy number of the LD78 gene varies among individuals, most individuals have 1-6 copies in the diploid genome, although rare individuals have zero or more

Target Details

than six copies. The gene encodes a 93 amino acid preprotein, the mature protein contains 70 amino acids. Synonyms: C-C motif chemokine 3-like 1, D17S1718, G0/G1 switch regulatory protein 19-2, G0S19-2, SCYA3L1, Small-inducible cytokine A3-like 1, Tonsillar lymphocyte LD78 beta protein

Gene ID: 414062

NCBI Accession: [NP_001001437](#)

UniProt: [P16619](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes:

ELISA: To detect hLD78-beta by direct ELISA (using 100 l/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hLD78-beta.

Western Blot: To detect hLD78-beta by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagent the detection limit for recombinant hLD78-beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore to a concentration of 50 mg/mL with sterile PBS solution containing 0.1 % BSA.

Buffer: PBS, pH 7.2 without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.