

Product datasheet for **PP1210B1**

CCL3L3 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: To detect hLD78-beta by direct ELISA (using 100 µl/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 reagents the detection limit for recombinant hLD78-beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hLD78-Beta.
Formulation:	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated
Reconstitution Method:	Restore to a concentration of 50 mg/ml with sterile PBS solution containing 0.1% BSA.
Purification:	Affinity chromatography
Conjugation:	Biotin
Storage:	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. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 3 like 3
Database Link:	Entrez Gene 414062 Human P16619



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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 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, Small-inducible cytokine A3-like 1, D17S1718, G0S19-2, SCYA3L1