

Product datasheet for PP1210P1

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) a concentration of at least 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotin conjugated antibody (Cat-N. PP1210B) as a detection antibody , allows the detection of 2000-4000 pg/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 hLC78-beta
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography employing immobilized hLD78-Beta matrix.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. 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