

## Product datasheet for **PP1111B2**

### Ccl6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: Direct: To detect mC10 (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant mC10. Sandwich: To detect mC10 (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with Polyclonal Anti-Murine C10 as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant mC10. Western blot: To detect mC10 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 mC-10 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98 %) recombinant murine C10
Specificity:	This antibody detects C-10.
Formulation:	PBS, pH 7.2 Label: Biotin State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Affinity chromatography
Conjugation:	Biotin
Storage:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	chemokine (C-C motif) ligand 6



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**Database Link:** [Entrez Gene 20305 Mouse P27784](#)

**Background:** C10 belongs to the CC chemokine family and is expressed in myelopoietic bone marrow cultures when stimulated with GM-CSF, M-CSF, IL-3 or IL-4. It signals primarily through the CCR1 receptor. C10 is chemotactic for B cells, CD4+ T cells, monocytes and NK cells and also exhibits powerful suppressive activity on colony formation by different lineages of hematopoietic progenitors. The C10 contains the four highly conserved cysteine residues present in CC chemokines. The mature protein contains 95 amino acid residues.

**Synonyms:** C-C motif chemokine 6, Small-inducible cytokine A6, Protein C10, Scya6