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Datasheet for ABIN181758 **anti-CCL6 antibody (Biotin)**

Overview

Quantity:	25 µg
Target:	CCL6
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL6 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly pure (> 98 %) recombinant murine C10
Specificity:	This antibody detects C-10.
Purification:	Affinity chromatography

Target Details

Target:	CCL6
Alternative Name:	C10 / CCL6 (CCL6 Products)
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

Target Details

	present in CC chemokines. The mature protein contains 95 amino acid residues.Synonyms: C-C motif chemokine 6, Protein C10, Scya6, Small-inducible cytokine A6
Gene ID:	20305
NCBI Accession:	NP_033165
UniProt:	P27784

Application Details

Application Notes:	<p>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 g/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.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

Handling

Reconstitution:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/mL.
Buffer:	PBS, pH 7.2
Handling Advice:	This product is photosensitive and should be protected from light
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C. DO NOT FREEZE!