

Datasheet for ABIN115901 **anti-Ccl12 antibody**

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Overview

Quantity:	50 µg
Target:	Ccl12
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ccl12 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant mMCP-5.
Specificity:	This antibody reacts with Macrophage Chemotactic Protein-5 (MCP-5)
Purification:	Affinity chromatography.

Target Details

Target:	Ccl12
Alternative Name:	MCP-5 / CCL12 (Ccl12 Products)
Background:	MCP-5 is a member of the b-chemokine family (C-C) of cytokines. This chemokine is strongly chemotactic for human monocytes and murine peritoneal macrophages, but is not active on mouse neutrophils and shows only a weak response on mouse eosinophils at high concentrations. Synonyms: C-C motif chemokine 12, Macrophage Chemotactic Protein-5, CCL-12, MCP-1-related chemokine, MCP5, Monocyte chemoattractant protein 5, Monocyte

Target Details

	chemotactic protein 5, Small-inducible cytokine A12
Gene ID:	100504977
NCBI Accession:	NP_035461
UniProt:	Q62401
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	<p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of mMCP-5 (100.00 ng/mL), a concentration of 2.0-3.0 µg/mL of this antibody is required. ELISA: To detect mMCP-5 by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant mMCP-5. Western Blot: To detect mMCP-5 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 mMCP-5 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:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL.
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.