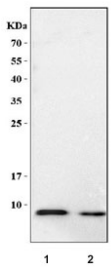
Ccl7 Antibody / Mcp3 (RQ8256)

Catalog No.	Formulation	Size
RQ8256	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9QXY8
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Ccl7 antibody is available for research use only.



Western blot testing of rat recombinant Ccl7 protein at 1) 10ng/lane and 2) 5ng/lane with Ccl7 antibody.

Description

Chemokine (C-C motif) ligand 7 (CCL7) is a small cytokine known as a chemokine that was previously called monocyte-specific chemokine 3 (MCP3). It belongs to the C-C chemokine family. By fluorescence in situ hybridization, MCP3 gene is mapped to chromosome 17q11.2-q12. MCP3 was identified as a physiologic substrate of gelatinase A. Cleaved MCP3 binds to CC-chemokine receptors-1, -2, and -3, but no longer induces calcium fluxes or promotes chemotaxis, and instead acts as a general chemokine antagonist that dampens inflammation, it has been found that matrix metalloproteinases are both effectors and regulators of the inflammatory response.

Application Notes

Optimal dilution of the Ccl7 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant rat protein (amino acids Q24-P97) was used as the immunogen for the Ccl7 antibody.

Storage

After reconstitution, the Ccl7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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