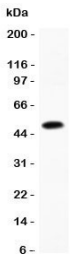
Ccl7 Antibody / Mcp3 (R31461)

Catalog No.	Formulation	Size
R31461	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	20306
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml (mouse protein tested); request BSA free format for coating
Limitations	This Ccl7 antibody is available for research use only.



Western blot testing of CCL7 antibody and recombinant mouse protein (0.5ng)

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, the gene is mapped to chromosome 17q11.2-q12. MCP3 was identified as a physiologic substrate of gelatinase A. Cleaved MCP3/CCL7 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

The stated application concentrations are suggested starting amounts. Titration of the Ccl7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse partial recombinant protein (AA 24-97) was used as the immunogen for this 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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