

Anti-CCL7/MCP-3 Antibody
Catalog # ABO11753**Specification**

Anti-CCL7/MCP-3 Antibody - Product Information

Application	WB
Primary Accession	Q03366
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for C-C motif chemokine 7(CCL7) detection. Tested with WB, ELISA in Mouse.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-CCL7/MCP-3 Antibody - Additional Information

Gene ID 20306

Other Names

C-C motif chemokine 7, Interchrine/chemokine MARC, Monocyte chemoattractant protein 3, Monocyte chemotactic protein 3, MCP-3, Protein FIC, Small-inducible cytokine A7, Ccl7, Fic, Mcp3, Scya7

Calculated MW

10999 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Mouse, -
ELISA , 0.1-0.5 µg/ml, Mouse

Subcellular Localization

Secreted.

Protein Name

C-C motif chemokine 7

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E.coli-derived mouse MCP3 recombinant protein (Position: Q24-P97). Mouse MCP3 shares 60% and 95% amino acid (aa) sequences identity with human and rat MCP3, respectively.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-CCL7/MCP-3 Antibody - Protein Information

Name Ccl7

Synonyms Fic, Mcp3, Scya7

Function

Chemotactic factor that attracts monocytes and eosinophils, but not neutrophils. Augments monocyte anti-tumor activity (By similarity).

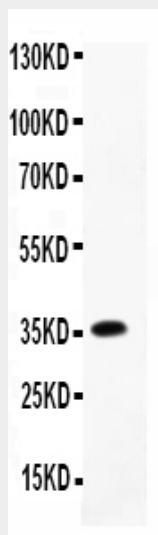
Cellular Location

Secreted.

Anti-CCL7/MCP-3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CCL7/MCP-3 Antibody - Images

Anti-MCP3 Picoband antibody, ABO11753-1.jpgAll lanes: Anti-MCP3(ABO11753) at 0.5ug/mlWB:
Recombinant Mouse MCP3 Protein 0.5ngPredicted bind size: 36KDObserved bind size: 36KD

Anti-CCL7/MCP-3 Antibody - Background

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.