

Rabbit anti-Mouse MCP2 Polyclonal Antibody | anti-CCL8 antibody

Anti-MCP2 Antibody, Rabbit Polyclonal

CATALOG # AAA257104	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

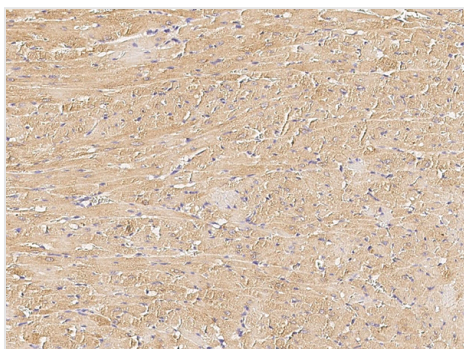
PRODUCT SYNONYMS

MCP2; Polyclonal Antibody; Anti-MCP2 Antibody; Rabbit Polyclonal; CCL8/MCP-2 Antibody; Rabbit PAb; Antigen Affinity Purified; chemokine (C-C motif) ligand 8; Anti-1810063B20Rik Antibody; Anti-AB023418 Antibody; Anti-HC14 Antibody; Anti-MCP-2 Antibody; Anti-Mcp2 Antibody; Anti-Scya8 Antibody; anti-CCL8 antibody

PRODUCT SPECIFICATIONS

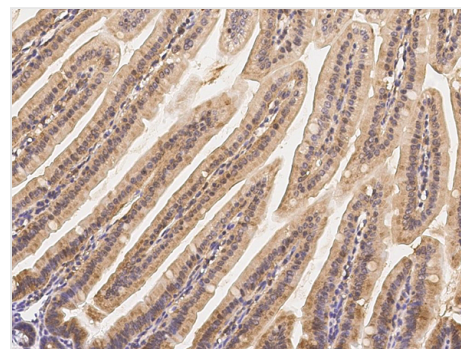
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CCL8/MCP-2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CCL8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CCL8/MCP-2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CCL8/MCP-2 (rM CCL8/MCP-2). CCL8/MCP-2 specific IgG was purified by Mouse CCL8/MCP-2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CCL8 in mouse heart with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse CCL8 in mouse small intestine with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CCL8 antibody	Chemokines are a family of small chemotactic cytokines, or proteins secreted by cells. Chemokines share the same structure similarities such as small size, and the presence of four cysteine residues in conserved locations in order to form their 3-dimensional shape. Some of the chemokines are considered pro-inflammatory which can be induced to recruit cells of the immune system to a site of infection during an immune response, while others are considered homeostatic and are implied in controlling the migration of cells during normal processes of tissue maintenance and development. There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28. Chemokine ligand 8 (CCL8), also known as monocyte chemoattractant protein 2 (MCP-2), is a small cytokine belonging to the C-C chemokine family. CCL8 functions to activate different immune cells, including mast cells, eosinophils and basophils which are involved in allergic responses, monocytes, and T cells and NK cells which are involved in the inflammatory response. CCL8's ability achieves by binding to different cell surface receptors termed chemokine receptors including CCR1, CCR2B and CCR5. It has been reported that CCL8 is a potent inhibitor of HIV-1 by virtue of its binding to CCR5 which is one of the major co-receptors for HIV-1.
References	Laing KJ, et al. (2004) Chemokines. Developmental and comparative immunology. 28 (5): 443-60. Cocchi F, et al. (1995) Identification of RANTES, MIP-1a, and MIP-1b as the major HIV-suppressive factor produced by CD8+ T cells. Science. 270 (5243): 1811-5. Hori T, et al. (2008) CCL8 is a potential molecular candidate for the diagnosis of graft-versus-host disease. Blood. 111 (8): 4403-12. Biber K, et al. (2003) Expression of L-CCR in HEK 293 cells reveals functional responses to CCL2, CCL5, CCL7, and CCL8. Journal of Leukocyte Biology. 74 (2): 243-51.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946818
NCBI GeneID	20307
NCBI Accession #	NP_067418.1
NCBI GenBank Nucleotide #	NM_021443.3
UniProt Accession #	Q9Z121
Molecular Weight	11,017 Da
NCBI Official Full Name	C-C motif chemokine 8
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	Ccl8
NCBI Official Synonym Symbols	HC14; Mcp2; MCP-2; Scya8; AB023418; 1810063B20Rik
NCBI Protein Information	C-C motif chemokine 8; monocyte chemoattractant protein 2; monocyte chemoattractant protein-2; monocyte chemotactic protein 2; small inducible cytokine A8; small-inducible cytokine A8
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	Ccl8
UniProt Synonym Gene Names	Mcp2; Scya8; MCP-2
UniProt Entry Name	CCL8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mcp2-antibody-immunohistochemistry-elisa/257104>