

Rabbit anti-Mouse MIG/CXCL9 Polyclonal Antibody | anti-CXCL9 antibody

Anti-MIG/CXCL9 Antibody, Rabbit Polyclonal

CATALOG # AAA257100	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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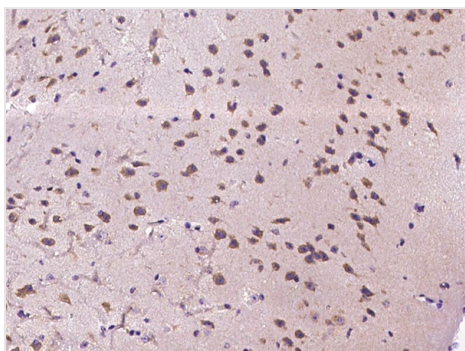
PRODUCT SYNONYMS

MIG/CXCL9; Polyclonal Antibody; Anti-MIG/CXCL9 Antibody; Rabbit Polyclonal; CXCL9/MIG Antibody; Rabbit PAb; Antigen Affinity Purified; chemokine (C-X-C motif) ligand 9; Anti-BB139920 Antibody; Anti-CMK Antibody; Anti-crg-10 Antibody; Anti-Mig Antibody; Anti-MuMIG Antibody; Anti-Scyb9 Antibody; anti-CXCL9 antibody

PRODUCT SPECIFICATIONS

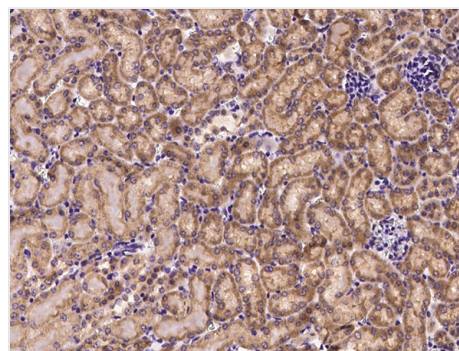
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CXCL9/MIG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CXCL9 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CXCL9/MIG Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CXCL9/MIG (rM CXCL9/MIG). CXCL9/MIG specific IgG was purified by Mouse CXCL9/MIG 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. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CXCL9 in mouse brain with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse CXCL9 in mouse kidney with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL9 antibody	Chemokine (C-X-C motif) ligand 9 (CXCL9), also known as Monokine induced by gamma interferon (MIG), is a small cytokine belonging to the CXC chemokine family. The function of this chemokine has not been specifically defined; however, it is thought to be involved in T cell trafficking. CXCL9/MIG functions as one of the three ligands of chemokine receptor CXCR3 which is a G protein-coupled receptor found predominantly on T cells. CXCL9/MIG, together with CXCL10 and CXCL11, may activate CXCR3 by binding to it. CXCL9 serves as a cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. It has been observed that tumour endothelial cells secrete high levels of CXCL9 in all, and CXCL10 in most melanoma metastases. Experiment data represent novel mechanisms by which tumour cells in melanoma metastases might use the chemokine-expressing endothelium to leave the tumour and eventually to form additional metastases at distinct sites. Experiment results also improved that CXCL9/MIG plays an important role in CD4+ T lymphocyte recruitment and development of CAV, MOMA-2+ macrophages are the predominant recipient-derived source of CXCL9/MIG, and recipient CD4 lymphocytes are necessary for sustained CXCL9/MIG production and CAV development in this model. Neutralization of the chemokine CXCL9/MIG may have therapeutic potential for the treatment of chronic rejection after heart transplantation.
References	Ruehlmann JM, et al. (2001) MIG (CXCL9) chemokine gene therapy combines with antibody-cytokine fusion protein to suppress growth and dissemination of murine colon carcinoma. Cancer Res. 61(23): 8498-503. Belperio JA, et al. (2003) Role of CXCL9/CXCR3 chemokine biology during pathogenesis of acute lung allograft rejection. J Immunol. 171(9): 4844-52. Colvin RA, et al. (2004) Intracellular domains of CXCR3 that mediate CXCL9, CXCL10, and CXCL11 function. J Biol Chem. 279(29): 30219-27. Valbuena G, et al. (2003) Expression analysis of the T-cell-targeting chemokines CXCL9 and CXCL10 in mice and humans with endothelial infections caused by rickettsiae of the spotted fever group. Am J Pathol. 163(4): 1357-69.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110626107
NCBI GeneID	17329
NCBI Accession #	NP_032625.2
NCBI GenBank Nucleotide #	NM_008599.4
UniProt Accession #	P18340; Q8C9J0; Q99J60
Molecular Weight	14,444 Da
NCBI Official Full Name	C-X-C motif chemokine 9
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 9
NCBI Official Symbol	Cxcl9
NCBI Official Synonym Symbols	CMK; Mig; MuMIG; Scyb9; crg-10; BB139920
NCBI Protein Information	C-X-C motif chemokine 9; M119; gamma interferon-induced monokine; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma; protein m119; small inducible cytokine B subfamily (Cys-X-Cys), member 9; smal
UniProt Protein Name	C-X-C motif chemokine 9
UniProt Gene Name	Cxcl9
UniProt Synonym Gene Names	Mig; Scyb9; MIG; MuMIG
UniProt Entry Name	CXCL9_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mig-cxcl9-antibody-immunohistochemistry-elisa/257100>