

CXCL9

Mouse Anti-Human CXCL9 / MIG (Clone 87M-101) mAb

Catalog No.	CMM104	Quantity:	500 µg
Alternate Names:	Chemokine (C-X-C motif) Ligand 9, Monokine Induced by Gamma Interferon, MIG, CMK, Humig, SCYB9, crg-10		
Description:	The mouse monoclonal antibody recognizes Human CXCL9/ MIG, a small cytokine belonging to the CXC chemokine family. CXCL9 is a T-cell chemoattractant, which is induced by IFN-gamma and functions by interacting with the Chemokine (C-X-C motif) Receptor 3 (CXCR3).		
UniProt ID:	Q07325		
Gene ID:	4283		
Specificity:	Recognizes Human CXCL9		
Host:	Mouse BALB/c		
Immunogen:	Recombinant Human MIG (CXCL9), 12.2 kDa protein		
Isotype:	IgG1K		
Clone:	87M-101		
Formulation:	Lyophilized from a sterile filtered carrier-free solution		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/mL.		
Applications:	Sandwich ELISA: recommended concentration of 0.125 - 0.25 µg/mL (100 µl/well) will detect at least 100 pg/mL of recombinant human CXCL9/MIG when used with an appropriate biotinylated detection antibody at a concentration of approximately 0.5 - 1µg/mL. Western Blot: recommended concentration of 0.5 - 2.0 µg/mL, when used in conjunction with compatible secondary reagents, will detect a minimum of 0.25 - 0.5 ng/lane (non-reducing conditions) and 2.0 - 4.0 ng/lane (reducing conditions) of recombinant human CXCL9/MIG.		
Storage & Stability:	Lyophilized antibody is stable for up to 1 month at room temperature. Upon receipt, store below -20°C. After reconstitution, antibody may be store at 2-8°C for up to two weeks or in working aliquots at -20°C to -80°C for at least six months. Avoid repeated freeze-thaw cycles.		

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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com