

CXCL9

Rabbit Anti-Human MIG/CXCL9 Affinity Purified pAb

Catalog No.	PA0942	Quantity:	100 µg
Alternate Names:	CMK, Humig, MIG, SCYB9, crg-10		
Description:	Chemokine (C-X-C motif) Ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine Induced by Gamma Interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN-gamma. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the Chemokine (C-X-C motif) Receptor 3 (CXCR3).		
Specificity:	Human		
Host:	Rabbit		
Immunogen:	Recombinant Human MIG		
Formulation:	Lyophilized from sterile filtered 0.5X PBS pH 7.2		
Purification:	Affinity Chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of ≤0.2 mg/mL.		
Applications:	<p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human MIG (100.00 ng/mL), a concentration of 5.0-7.0 µg/mL of this antibody is required.</p> <p>ELISA: To detect Human MIG by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human MIG.</p> <p>Western Blot: To detect Human MIG by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant Human MIG is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Stable at room temperature for at least one month and for >1 year when kept at -20°C. When reconstituted according to the above directions, the antibody is stable for at least six weeks at 2-4°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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