

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: 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.

ELISA: To detect Human MIG by direct ELISA (using 100 μ l/well antibody solution) a concentration of at least 0.5 μ g/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 μ g/well of recombinant human MIG.

Western Blot: To detect Human MIG by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/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.

The optimal concentration should be determined by the user for each specific application.

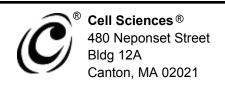
Storage & Stability: Stable at room temperature for at least one month and for >1 year when kept at -20°C.

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.

Fax: 781-828-0542

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Toll Free: 888-769-1246 E-mail: info@cellsciences.com
Phone: 781-828-0610 Website: www.cellsciences.com