

Product datasheet for **PM1209P**

MIG (CXCL9) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	ELISA: In a Sandwich ELISA (assuming 100 µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant Human MIG when used with biotinylated anti-Human MIG antibody (cat. PP1055B) as the detection antibody at a concentration of at least 1 µg/ml. Western Blot: To detect Human MIG by Western Blot analysis this antibody can be used at a concentration of 0.50-2.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMIG is 0.25-0.50 ng/lane, under non-reducing conditions and 2.0-4.0 ng/lane, under reducing conditions. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hMIG (100 ng/ml), a concentration of 5.0-10.0 µg/ml of this antibody is required.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant Human MIG
Specificity:	Detects Human Monokine induced by interferon-gamma (MIG).
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name:	C-X-C motif chemokine ligand 9
Database Link:	Entrez Gene 4283 Human Q07325
Background:	MIG (monokine induced by interferon-gamma), a member of the alpha-chemokine family (CXC) of cytokines, is produced by stimulated monocytes, macrophages and endothelial cells. It signals through the CXCR3 receptor. MIG selectively chemoattracts Th1 lymphocytes, and also exerts other activities including inhibition of tumor growth, angiogenesis, and inhibition of colony formation of hematopoietic progenitors. Human MIG is active on murine cells.
Synonyms:	C-X-C motif chemokine 9, CXCL9, CMK, MIG, SCYB9
Note:	Centrifuge vial prior to opening!