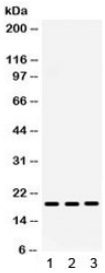
MIG Antibody / CXCL9 (R32197)

Catalog No.	Formulation	Size
R32197	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q07325
Applications	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This MIG antibody is available for research use only.



Western blot testing of human 1) placenta, 2) A431 and 3) HeLa lysate with MIG antibody. Expected/observed molecular weight ~19 kDa.

Description

MIG, also known as CXCL9, is a T-cell chemoattractant inducible by gamma interferon that is a member of the CXC chemokine family of cytokines.This gene is mapped to 4q21. It is noted that, although the best-described activities of the chemokines are as chemotactic factors, chemokines also have an effect on T-cell activation, angiogenesis, and HIV infection. While most CXC chemokines are chemotactic for neutrophils, MIG and INP10 are unusual and similar in being CXC chemokines that are chemotactic for lymphocytes and inactive in neutrophils.

Application Notes

Optimal dilution of the MIG antibody should be determined by the researcher.

Immunogen

Amino acids 23-125 of human MIG/CXCL9 were used as the immunogen for the MIG antibody.

Storage

After reconstitution, the MIG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.