

Rat anti-Mouse IFN-gamma, clone F1 (Monoclonal)

Clone no. F1

MONOSAN

Product name	Rat anti-Mouse IFN-gamma, clone F1 (Monoclonal)
Host	Rat
Applications	ELISA, IP
Species reactivity	mouse
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	F1
Size	1 ml
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Monoclonal antibody F1 binds both natural and recombinant mouse gamma Interferon. Its binding activity has been demonstrated in vitro and in vivo. F1 antibodies have been demonstrated to be able to inhibit inflammatory responses to bacterial lipopolysaccharides. These antibodies were furthermore shown to inhibit Schwartzman reactions and to protect NZB mice against spontaneous development of autoimmune disease. The neutralizing activity of the antibody has been demonstrated as being poor in anti-viral assays. If a neutralizing antibody is specifically desired, we recommend the use of another antibody available from Hycult Biotech, namely F3 (prod. code HM1005) which recognizes a different epitope on the murine gamma Interferon molecule and in contrast to F1, exhibits strong neutralizing activity. The antibody does not react with rat or human gamma interferon

References

1. Armstrong et al. J appl Microb 1971;21:723
2. van Tiel et al. J Clin Microbiol 1984;20:387
3. Dijkmans et al. J Biol Chem 1987;262:2528
4. Heremans et al. J Immunol 1987;138:4175
5. Billiau et al. Eur J Immunol 1987;17:1851

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