

## IFN-gamma, Clone F1 Monoclonal Antibody

**Catalog No.:** MON5071

**Quantity:** 100 µg

### Specificity

Monoclonal antibody F-1 binds both natural and recombinant mouse gamma Interferon. Its binding activity has been demonstrated *in vitro* and *in vivo* (R. Dijkmans, et. al., J. Biol. Chem. 262, 2528-2535, 1987). F-1 antibodies have been demonstrated to be able to inhibit inflammatory responses to bacterial lipopolysaccharides (Heremans et al., J. Immunol., 138, 4175-4179, 1987). These antibodies were furthermore shown to inhibit Shwartzman reactions (Billiau et. al., EUR. J. Immunol., 17, 1851-1854, 1987) and to protect NZB mice against spontaneous development of autoimmune disease (Jacob et. al., J. Exp. Med., 166, 798, 1987). The neutralizing activity of the F-1 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 Hbt, namely F-3 (prod. code HM1005) which recognizes a different epitope on the murine gamma Interferon molecule and in contrast to the F-1, exhibits strong neutralizing activity.

### Immunoglobulin type

Rat IgG2a

### Use

Possible applications include the purification or immunochemical investigation of mouse gamma Interferon and structural studies. This antibody has been used as a tracer antibody in EIA procedures. Furthermore the antibody can be used for immunoprecipitation.

### Presentation

100 µg (MON 5071-1) purified lyophilized Ig. Membrane filtered (0.22 µm). Also available in vials of 500 µg (MON5071-5).

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