Product Details

**Description:** RAT ANTI MOUSE INTERFERON GAMMA

**Specificity:** IFN GAMMA

**Other names:** INTERFERON GAMMA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** XMG1.2

**Isotype:** IgG1

**Quantity:** 0.25 mg

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

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<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry (1)</td>
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<td>1/10 - 1/50</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1ug/ml - 10ug/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) **Membrane permeabilization is required for this application. The use of Leucoperm (Product Code BUF09) is recommended for this purpose.**

**Target Species**

Mouse

**Product Form**

Purified IgG - liquid

**Preparation**

Antibody purified from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative**

0.09% sodium azide (NaN₃)
Stabilisers

Carrier Free  Yes

Approx. Protein Concentrations  IgG concentration 1.0 mg/ml

Immunogen  Recombinant mouse IFN gamma.

External Database Links

UniProt:  P01580  Related reagents

Entrez Gene:  15978  Ifng  Related reagents

RRID  AB_324085

Specificity  Rat anti Mouse Interferon gamma antibody, clone XMG1.2 recognizes murine IFN gamma. Rat anti Mouse Interferon gamma antibody, clone XMG1.2 may be used for the detection of intracellular IFN gamma using flow cytometric techniques and has been shown to block the functional activity of murine interferon gamma.

Flow Cytometry  Use 10μl of the suggested working dilution to label 1x10^6 cells in 100μl

References

9. ReisL, E.S. et al. (2017) Mixed Formulation of Conventional and Pegylated Meglumine...

**Storage**
This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

**Guarantee**
12 months from date of despatch

**Health And Safety Information**
Material Safety Datasheet documentation #10040 available at: [https://www.bio-rad-antibodies.com/SDS/MCA1548 10040](https://www.bio-rad-antibodies.com/SDS/MCA1548 10040)

**Regulatory**
For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Rat IgG (STAR69...) FITC
- Goat Anti Rat IgG (STAR73...) RPE
- Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) DyLight®550, DyLight®650, DyLight®800
- Rabbit Anti Rat IgG (STAR21...) HRP
- Rabbit Anti Rat IgG (STAR16...) DyLight®800
- Goat Anti Rat IgG (STAR131...) Alk. Phos., Biotin
- Rabbit Anti Rat IgG (STAR17...) FITC
- Goat Anti Rat IgG (STAR72...) HRP

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets M410022:221024](https://www.bio-rad-antibodies.com/SDS/MCA1548 10040)

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