## Datasheet: MCA1301

### Description:
MOUSE ANTI RAT INTERFERON GAMMA

### Specificity:
IFN GAMMA

### Other names:
INTERFERON GAMMA

### Format:
Purified

### Product Type:
Monoclonal Antibody

### Clone:
DB-1

### 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.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>10ug/ml - 100ug/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

### Target Species
Rat

### Species Cross Reactivity
Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form
Purified IgG - liquid

### Preparation
Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

### Buffer Solution
Phosphate buffered saline

### Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

### Approx. Protein Concentrations
IgG concentration 1.0 mg/ml

### Immunogen
Recombinant rat IFN gamma
Mouse anti Rat Interferon gamma antibody, clone DB-1 reacts with both mouse and rat Interferon gamma. Clone DB-1 exhibits high affinity binding to the natural and recombinant forms and effectively neutralizes the anti viral activity of IFN-gamma. It also blocks the induction of Ia antigen expression on murine keratinocytes.

Mouse anti Rat Interferon gamma antibody, clone DB-1 does not cross-react with rodent IFN-alpha or IFN-beta or with human interferons.

Mouse anti Rat Interferon gamma antibody, clone DB-1 has also been reported for use in neutralising studies.

References

Storage
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life
18 months from date of despatch.
Related Products

**Recommended Secondary Antibodies**

- **Rabbit Anti Mouse IgG (STAR8...)**  DyLight®800
- **Goat Anti Mouse IgG (STAR76...)**  RPE
- **Goat Anti Mouse IgG (STAR77...)**  HRP
- **Rabbit Anti Mouse IgG (STAR9...)**  FITC
- **Goat Anti Mouse IgG IgA IgM (STAR87...)**  Alk. Phos., HRP
- **Rabbit Anti Mouse IgG (STAR12...)**  RPE
- **Rabbit Anti Mouse IgG (STAR13...)**  HRP
- **HuCAL Anti Mouse IgG1 (HCA036...)**  HRP
- **Goat Anti Mouse IgG (F(ab')2 (STAR120...)**  FITC, HRP
- **Goat Anti Mouse IgG (STAR70...)**  FITC
- **Goat Anti Mouse IgG (H/L) (STAR117...)**  Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®800, FITC, HRP

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**Health And Safety Information**


**Regulatory**

For research purposes only

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