

Datasheet: 8209-4006

BATCH NUMBER 164667

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|----------------------|--------------------------------------|
| Description: | RABBIT ANTI SALMONELLA GROUP ANTIGEN |
| Specificity: | SALMONELLA GROUP ANTIGEN |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 1 ml |

Product Details

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.

| | Yes | No | Not Determined | Suggested Dilution |
|--------------------|-----|----|----------------|--------------------|
| ELISA | | | ▪ | |
| Western Blotting | | | ▪ | |
| Immunofluorescence | ▪ | | | |

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 the appropriate negative/positive controls.

| | |
|---------------------------------------|---|
| Target Species | Bacterial |
| Product Form | Purified IgG - liquid |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.1% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 5.0 mg/ml |
| Immunogen | Mixture of <i>Salmonella enteritidis</i> , <i>S. typhimurium</i> and <i>S. heidelberg</i> . |
| RRID | AB_619545 |
| Specificity | Rabbit anti <i>Salmonella</i> group antigen antibody recognizes a <i>Salmonella</i> group antigen. |

Salmonella is a genus of the family *Enterobacteriaceae* populated by a variety of Gram negative rod-shaped bacteria, many of which are pathogenic and cause a range of diseases in humans. *Salmonellae* possess 3 major surface antigens: the H or flagellar antigen (phase 1 and 2), the O or somatic antigen (part of the LPS moiety) and the Vi or capsular antigen (referred to as K in other *Enterobacteriaceae*). *Salmonellae* also possess the LPS endotoxin characteristic of Gram negative bacteria. This LPS is composed of an O polysaccharide (O antigen) an R core and the endotoxic inner Lipid A.

Rabbit anti *Salmonella* group antigen antibody is polyvalent for *Salmonella* O and H antigens.

Rabbit anti *Salmonella* group antigen antibody is unabsorbed and may cross react with related *Enterobacteriaceae*.

References

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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/8209-4006>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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'M414078:221130'

Printed on 15 Mar 2024