

Datasheet: 8209-4006

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 4.0 mg/ml
Immunogen	Mixture of <i>Salmonella enteritidis</i> , <i>S. typhimurium</i> and <i>S. heidelberg</i> .

Specificity

Rabbit anti *Salmonella* group antigen antibody recognizes a *Salmonella* 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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14. Farka, Z. *et al.* (2018) Prussian Blue Nanoparticles as a Catalytic Label in a Sandwich Nanozyme-Linked Immunosorbent Assay. [Anal Chem. Jan 18 \[Epub ahead of print\].](#)
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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.

Health And Safety Information

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10303 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[DyLight@680](#), [DyLight@800](#)

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