Datasheet: 8210-0407

BATCH NUMBER 173016

Description:	MOUSE ANTI SALMONELLA TYPHIMURIUM LPS
Specificity:	SALMONELLA TYPHIMURIUM LPS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	1E6
Isotype:	IgG1
Quantity:	0.2 mg

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
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
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified LPS from *S. typhimurium*.
RRID	AB_619235
Specificity	**Mouse anti *Salmonella typhimurium* LPS antibody, clone 1E6** reacts with an unidentified LPS determinant of *Salmonella typhimurium*. Clone 1E6 has been shown to not cross react with *S. paratyphi A*, *S. choleraesuis*, *S. newport*, *S. enteriditis*, *S. anatum*, *S. selandia*, *E. coli* 055:B5, *E. coli* K12, *Klebsiella pneumoniae*.
References	1. Rakebrandt, N. *et al.* (2014) Antibody- and TRIM21-dependent intracellular restriction of *Salmonella enterica*. Pathog Dis. 72 (2): 131-7. 2. Schenk, F. *et al.* (2018) Development of a paper-based lateral flow immunoassay for simultaneous detection of lipopolysaccharides of *Salmonella* serovars. Anal Bioanal Chem. 410 (3): 863-8.
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/8210-0407
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP

Rabbit Anti Mouse IgG (STAR9...)	FITC

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M418897:230427'

Printed on 29 Jan 2026