Acris Antibodies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info@acris-antibodies.com

US office:
Acris Antibodies, Inc.
San Diego, CA
UNITED STATES
Phone: +1-858-888-7900
Fax: +1-858-888-7904
US-info@acris-antibodies.com

Polyclonal Antibody to Salmonella Species -FITC-

Catalog No.: BP1063F

Quantity: 1 ml

Concentration: 4-5 mg/ml (OD280 nm, E0.1% = 1.4).

Host: Rabbit

Immunogen: Native, mixture of S. enteriditis, S. typhimurium and S. heidelburg.

Format:
State: Liquid purified IgG fraction.
Buffer System: 0.01 M PBS, pH 7.2, 10 mg/ml BSA as stabilizer and 0.09% Sodium Azide as preservative.
Label: FITC – Covalently coupled with high purity Isomer I of fluorescein isothiocyanate
Care is taken to ensure complete removal of any free fluorescein from the final product

Applications: Direct IFA staining of target antigens in a permissive tissue culture system. Acetone fixation of the antigen source is recommended prior to staining.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Polyvalent for Salmonella O and H antigens.
Immunocaptures Salmonellae.
Antiserum is not adsorbed and does react with related Enterobacteriaceae.

Storage: Store the antibody (undiluted) at 2-8°C for one month or (in aliquots) at -20°C for longer.
This product is photosensitive and should be protected from light.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General References:
1. Taitt, CR., et al., (2004), Detection of Salmonella enterica Serovar Typhimurium by Using a Rapid, Array-Based Immunosensor, Applied and Environmental Microbiology, 70(1): 152-158
2. Barnich, N., et al., (2005), GRIM-19 Interacts with Nucleotide Oligomerization Domain 2 and Serves as Downstream Effector of Anti-bacterial Function in Intestinal Epithelial Cells, Journal of Biological Chemistry, 280(19): 19021-19026
3. Sapsford, K.E., et al., (2004), Detection of campylobacter and shigella species in food samples using an array biosensor, Analytical Chemistry, 76(2): 433-440