



# Salmonella core antigen (6371): sc-69946

## BACKGROUND

*Salmonella* is a genus of rod-shaped Gram-negative enterobacteria that causes typhoid fever, paratyphoid fever and foodborne illness. It is motile in nature and produces hydrogen sulfide. While salmonellosis is often considered to affect primarily the gastrointestinal tract, infection at other sites may occur, such as the peripheral or visceral arteries, with the abdominal aorta being the most frequent site of vascular infection. After a *Salmonella* infection, reactive arthritis (or Reiter's Syndrome) may develop. The *Salmonella* core antigen resides on *Salmonella enteritidis* D, *paratyphi* A, *typhimurium* B, *cholerae*, newport, *anatum* and *Selandia*.

## REFERENCES

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## SOURCE

Salmonella core antigen (6371) is a mouse monoclonal antibody raised against *Salmonella* core antigen.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PRODUCT

Each vial contains 100 µg IgG<sub>2b</sub> in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

Salmonella core antigen (6371) is recommended for detection of *Salmonella* O-serogroups A, B, C1, C2, D, E1, E3, E4, F, G1, G2 of *Salmonella* origin by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.