

Datasheet



Mouse mAb to **Salmonella typhi**
Clone **EBS-I-070**
Isotype **IgM-λ**

Source

A BALB/c mouse was immunized with *S. typhi* (NCTC 8383).

Specifications

EBS-I-070 reacts specifically with *Salmonella typhi*, which causes typhoid in humans. Low cross reactivity may be observed with *S. thyphimurium* and *Shigella boydii*, at high antibody concentrations.

Species reactivity

Positive: *Salmonella typhi*.

Negative: *Salmonella thyphimurium*, *Salmonella dublin*, *Salmonella java*, *Salmonella boydii*.

Applications

Identification of *S. typhi* in frozen sections, immunofluorescence and ELISA.

ELISA	Frozen sections	Immunofluorescence	Paraffin sections
+	+	+	-

Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

Dilution advice

- ELISA (solid phase: not known; tracer: 0,001-100 µg/ml for 30 min at RT).
- Immunofluorescence (1-2 µg/ml).
- Immunohistology (1-2 µg/ml for 30 min at RT; an antigen retrieval method enabling staining of formalin-fixed tissues has not been found so far).

Positive control

S. typhi (e.g. NCTC 8385/ATCC 19430).

References

- This antibody has not been published.

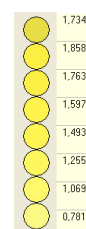


Figure 1: 1:3 Titration by ELISA on *S.typhi* with EBS-I-070 starting at 0,1 g/L