

MONOTOPE™

product information for

Shigellae

I. Monoclonal Antibody (Mouse) Specificity

| Product No.'s | Ig class | |
|---------------|----------|---|
| 0941 | NA | IgG2b Specific to the LPS of Shigella flexneri 2a*. Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0942 | NA | IgG1 Specific to the LPS of Shigella flexneri 2a*. Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0943 | NA | IgG1 Specific to the LPS of Shigella flexneri 2a*. Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0944 | NA | IgG1 Specific to the LPS of Shigella flexneri 2a*. Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0945 | NA | IgG2a Specific to the LPS of Shigella sonnei form 1^ . Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0946 | NA | IgG2a Specific to the LPS of Shigella sonnei form 1^ . Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |
| 0947 | NA | IgG2a Specific to the LPS of Shigella sonnei form 1^ . Reactive in ELISA (whole cells & LPS) & IFA (whole cells). |

II. Purified Preparations

- Product No.'s 0941
- 0942
- 0943
- 0944
- 0945
- 0946
- 0947

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use.

Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

III. Fluorescein Conjugates

- Product No.'s NA
- NA
- NA
- NA
- NA
- NA
- NA

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at 2-8°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

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Comments: * No cross reactivity with: Shigella flexneri 1a, 3a, 4a, 5a, 6, Salmonellae (mix) and E. coli (mix).

^ No cross reactivity with: S. sonnei form 2, S. flexneri (mix), S. dysenteriae, S. boydii, E. coli (mix), Salmonellae (mix) and Citrobacter. IS cross reactive with Plesiomonas shigelloides, as expected.