



For In Vitro Diagnostic Use

Lambda/FITC

Intended Use *For in vitro diagnostic use*

Summary And Explanation The Lambda/FITC is a purified immunoglobulin fraction from rabbit antiserum conjugated with FITC. The Lambda/FITC is capable of detecting and reacting with Lambda antigen in frozen tissues. Lambda/FITC reacts with free Lambda chains as well as Lambda chains in intact immunoglobulin molecules.

Presentation The Lambda/FITC is diluted in a Phosphate Buffered Saline solution (pH 7.2) containing stabilizing proteins and preserved with sodium azide. It is provided in liquid form.

Availability	Catalog No.	Dilution	Volume
	BSB 3010	1:20-1:40	1 ml, concentrated

Storage Store 2-8°C in the dark

Stability 3 years

For long-term storage of the concentrated antibody, it is recommended that aliquots of the antibody be frozen at -20°C in glycerol 50% (frost-free freezers are not recommended). Repeated freezing and thawing must be avoided. Dilute using an antibody diluent such as ImmunoDetector Protein Block/Antibody Diluent (BSB 0040 and BSB 0041). This product is stable when stored at 2-8°C in the dark for up to 3 years from when originally produced (see expiration date on product label). This product is stable up to the expiration date on the label. Do not use this product after the expiration date. Adhere to all local laws when disposing of this product.



The sodium azide (NaN₃) used as a preservative, is toxic if ingested. Avoid eye contact. Flush with large quantities of water if contact occurs. For professional users. Minimize microbial contamination of reagents. Proper handling procedures should be used.

Protocol Suggested protocol on reverse

Preparation of Working Solutions

Lambda/FITC antibody is supplied as a concentrated solution and should be further diluted to a working concentration with appropriate antibody diluent (**ImmunoDetector Protein Block/Antibody Diluent (BSB 0040 and BSB 0041)** is suggested) immediately prior to use.

Recommended Protocol

1. Embed the specimen in OCT inside cryostat.
2. Cut sections at 5 microns.
3. Place the section on a positively charged glass slide.
4. Air dry for at least 30 minutes.
5. Fix in acetone 100% for 10 minutes.
6. Air dry for another 10 minutes.
7. Rinse slides in IF wash buffer for 5 minutes.
8. Drain and wipe excess IF wash buffer off slide.
9. Apply Lambda/FITC antibody and incubate for 30 min. at room temperature.
10. Rinse the Lambda/FITC antibody with 3 changes of IF wash buffer for 5 min. each.
11. Coverslip with IF mounting medium.

Abbreviated Protocol

Step	Incubation Time
Rinse slides in IF wash buffer	5 minutes
Drain and wipe excess IF wash buffer off slide	
Apply Antibody	30 minutes
Rinse with 3 changes of IF wash buffer	3x5 minutes
Coverslip with IF mounting medium	



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