



Rabbit Anti-Human Lambda Light Chain FITC-Conjugated

Lambda Light Chain-FITC

Document #: FITC-002-01
Effective Date: 12/04/2017, IFU-165 Rev A

Intended Use

For In Vitro Diagnostic Use.

Summary and Explanation

Traces of contaminating antibodies have been removed by solid phase absorption. Only the lambda precipitation line appears in cross immunoelectrophoresis. This antibody is well suited for tissue section staining but may also be used for other applications.

Immunogen

Pool of human Lambda Light chain isolated from the urine of patients with Bence Jones Proteinuria.

Format

1 mL purified immunoglobulin fraction of rabbit antiserum conjugated with fluorescein isothiocyanate isomer 1, containing sodium azide as a preservative.

Principles of the Procedure

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissues sections to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.

Materials Required But Not provided

All the reagents and materials required for IHC are not provided. Pretreatment reagents, detection systems, control slides, control reagents and other ancillary reagents are available from StatLab. Please refer to our website at: www.StatLab.com

Storage and Handling

Store at 2-8°C. Antibody is light sensitive and must be stored in the dark. Do not use after expiration date printed on label. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Unused portions of antibody preparations should be discarded after one day.

The presence of precipitate or an unusual odor indicates that the antibody is deteriorating and should not be used.

If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the antibody is suspected, contact, StatLab Medical Products, Technical Support at 800-442-3573, extension 5 or ihctech@statlab.com.

Precautions

This antibody contains less than 0.1% Sodium Azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard Communication and EC Directive 91/155/EC. Sodium Azide (NaN_3) used as a preservative is toxic if ingested. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build up in plumbing. (Center for Disease Control, 1976). Specimens, before and after fixation and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change. The SDS is available upon request.

Staining Procedure

Refer to the following table for conditions specifically recommended for this antibody.

Parameter	StatLab Medical Products Recommendations
Concentrated Dilution	1:20-1:40
Incubation Time/Temp	30 min-60 min @ RT

Quality Control

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2). CLSI Wayne, PA, USA (www.clsi.org). 2011

Troubleshooting

Contact StatLab Medical Products Technical Support at (800) 442-3573, option 5 or ihctech@statlab.com to report unusual staining.

Warranty

There are no warranties, expressed or implied, which extend beyond this description. StatLab Medical Products is not liable for property damage, personal injury, or economic loss caused by this product.

Performance Characteristics

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of StatLab Medical products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.



1. Wear disposable gloves when handling reagents.
2. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water.
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the label.
6. The SDS is available upon request.
7. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.