Tonsil

Tacha's Bluing solution for 1 minute. Rinse with deionized water. Counterstain with Hematoxylin. Rinse with deionized water. Apply Counterstain: for 10-20 minutes at RT when using Biocare's Vulcan Fast Red. Chromogen: Incubate for 5 minutes at RT when using Biocare's DAB. - OR - Incubate Incubate for 10 minutes at RT with a Polymer. Probe:

Primary Antibody: Incubate for 10-15 minutes at RT with Biocare’s Background Sniper. Optional:

Protein Block: Block for 5 minutes with Biocare’s PEROXIDAZED 1.

Peroxide Block: Block for 5 minutes with Biocare's PEROXIDAZED 1.

Pretreatment Protocol:

Heat Retrieval Method:

Pretreatment Solution (recommended): Borg

Peroxide Block: Block for 5 minutes with Biocare's PEROXIDAZED 1.

Pretreatment Solution (recommended): Borg

Pretreatment Protocol:

Heat Retrieval Method:

Retrieve sections under pressure using Biocare's Decloaking Chamber, followed by a wash in distilled water. Alternatively, steam tissue sections for 45-60 minutes. Allow solution to cool for 10 minutes then wash in distilled water.

Protein Block:

Optional: Incubate for 10-15 minutes at RT with Biocare's Background Sniper.

Primary Antibody: Incubate for 30 minutes at RT.

Probe: Incubate for 10 minutes at RT with a Probe.

Polymer: Incubate for 10 minutes at RT with a Polymer.

Chromogen: Incubate for 5 minutes at RT when using Biocare's DAB. - OR - Incubate for 10-20 minutes at RT when using Biocare's Vulcan Fast Red.

Counterstain: Counterstain with Hematoxylin. Rinse with deionized water. Apply Tacha's Bluing solution for 1 minute. Rinse with deionized water.

Intended Use:

For Research Use Only. Not for use in diagnostic procedures

Summary and Explanation:

CD22 (BL-CAM) is a type 1 integral membrane glycoprotein with molecular weight of 130 to 140 kDa. It is expressed in both the cytoplasm and cell membrane of B-lymphocytes. CD22 antigen appears early in B-cell lymphocyte differentiation at approximately the same stage as the CD19 antigen. Unlike other B-cell markers, CD22 membrane expression is limited to the late differentiation stages between mature B cells (CD22+) and plasma cells (CD22-), and may thus prove useful in phenotyping mature leukemias. CD22 is also strongly expressed in hairy cell leukemia.

Source: Mouse monoclonal

Species Reactivity: Human; others not tested

Clone: FPC1

Isotype: IgG1

Total Protein Concentration: ~10 mg/ml. Call for lot specific Ig concentration.

Epitope/Antigen: CD22

Cellular Localization: Cytoplasmic/membrane

Positive Control: Tonsil or hairy cell leukemia

Normal Tissue: Tonsil

Abnormal Tissue: Tonsil or hairy cell leukemia

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As: Buffer with protein carrier and preservative.

Storage and Stability:

Store at 2ºC to 8ºC. Do not use after expiration date printed on vial. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

CD22
Concentrated and Prediluted Monoclonal Antibody

Control Number: 902-169-090517

Catalog Number: ACR169 B,C APR 169 AA

Description: 0.5, 1.0 ml, concentrated 6.0 ml, prediluted

Dilution: 1:50-1:100 Ready-to-use

Diluent: Da Vinci Green N/A

Quality Control:

Refer to NCCLS Quality Assurance for Immunocytochemistry approved guidelines, December 1999 MM4-A Vol.19 No.26 for more information about tissue controls.

Precautions:

This antibody contains less than 0.1% sodium azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. CFR 1910.1200, OSHA Hazard communication and EC Directive 91/155/EC. Sodium azide (NaN3) 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, National Institute of Occupational Safety and Health, 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 MSDS is available upon request, and is located at http://biocare.net/support/msds/.

Troubleshooting:

Follow the antibody specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

Limitations and Warranty:

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

References: