Catalog Number: APR 214 DS AA, H  
Description: 6.0, 25 ml, prediluted  
Dilution: Ready-to-use  
Diluent: N/A  

Intended Use:  
For Research Use Only. Not for use in diagnostic procedures  

Summary and Explanation:  
Kappa and Lambda antibodies are usually run together on two separate tissues. In normal tissue, the Kappa and Lambda cell ratio is approximately 2:1. The double stain antibody allows the investigator to simultaneously see both Kappa (M) (brown) and Lambda (P) (red) on the same tissue section, thus allowing the end-user a more accurate and easier assessment of both stains. The double stain predilute must be used in conjunction with Biocare's MACH 2 Double Stain Detection Kit (DAB and Fast Red).

The antibody cocktail recognizes both Kappa and Lambda light chains. It is reportedly useful in the identification of myelomas, plasmacytomas, and certain non-Hodgkin's lymphomas. The most common feature of these malignancies is the restricted expression of a single light chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.

Source: Mouse monoclonal and Rabbit Polyclonal  
Species Reactivity: Human; others not tested.  
Clone: KDB-1 (kappa only)  
Isotype: IgG1 (kappa only)  
Epitope/Antigen: Kappa and Lambda light chains  
Cellular Localization: Kappa: cytoplasmic (brown), Lambda: cytoplasmic (red)  

Positive Control: Tonsil  
Normal Tissue: Tonsil  
Abnormal Tissue: Myeloma and plasmacytoma  
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 reagents are stored under conditions other than those specified in the package insert, they must 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. 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.

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:  
References cont’d: