IOTest
Conjugated Antibody
CD4-APC

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REF IM2468U Liquid - 1 mL

Analyte Specific Reagent.
Analytical and performance characteristics are not established

REAGENTS

WARNING AND PRECAUTIONS
1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
2. Specimens, samples and all material coming in contact with them should be considered potentially infectious and disposed of with proper precautions.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use antibody beyond the expiration date on the label.
5. Do not expose reagents to strong light during storage or incubation.
6. Avoid microbial contamination of reagents or incorrect results might occur.
7. Use good laboratory practices when handling this reagent.
8. Any change in the physical appearance of the reagents may indicate deterioration and the reagent should not be used.

GHS HAZARD CLASSIFICATION
Not classified as hazardous

STORAGE AND HANDLING CONDITIONS AND STABILITY
This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze.
No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

CONTENTS
Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76).
To avoid the possible build-up of azide compounds, flush wastepipes with water after the disposal of undiluted reagent. Sodium azide disposal must be in accordance with appropriate local regulations.

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SPECIFICITY
The monoclonal antibody (mAb) 13B8.2 recognizes an epitope situated on the Ig-like V1 region of the CD4 antigen. A study of the epitopic map, using mutations targeting the extra-cytoplasmic regions of the molecule has shown that fixation of mAb 13B8.2 was only affected when the mutation involved the 88 and/or 89 residues (1). MAb 13B8.2 inhibits the in vitro fixation of HIV-1. MAb13B8.2 was assigned to CD4 during the 3rd HLDA Workshop on Human Leucocyte Differentiation Antigens, Oxford, England in 1986 (WS Code: 501, Section : T) (2).

TRADEMARKS
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ADDITIONAL INFORMATION
For additional information, or if damaged product is received, call Beckman Coulter Customer Service at 800-526-7694 (USA or Canada) or contact your local Beckman Coulter Representative.
REFERENCES