Analyte Specific Reagent.  
Analytical and performance characteristics are not established.

SPECIFICITY
The CD24 antigen is a glycosyl-phosphatidylinositol-linked membrane sialoglycoprotein with a molecular weight of 35-45 kDa. CD24 is present on B cells, from the stage pre-B to the mature B cell stage, but not on plasma cells. It is expressed on mature granulocytes and on a variety of epithelial cell types. The ALB9 monoclonal antibody has been assigned to the CD24 cluster of differentiation at the 6th HLDA Workshop on Human Leucocyte Differentiation Antigens in Kobe, Japan, in 1996 (1).

REAGENT
IOTest CD24-APC
Conjugated antibody
PN A87785 - 50 tests - Liquid - 10 µL/test *

Clone ALB9
Isotype IgG1 kappa, Mouse
Immunogen Bone marrow malignant cells
Hybridoma NS1 x spleen B cells
Source Ascites fluid
Purification Affinity chromatography
Conjugation Allophycocyanin (APC)
Molar Ratio APC / Ig : 0.5 - 1.5
Fluorescence Excites at 633 nm
Emits at 660 nm

REAGENT CONTENTS
This antibody is provided in phosphate-buffered saline, containing 0.1% sodium azide and 2 mg/mL bovine serum albumin.

STATEMENTS OF WARNING
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.

STORAGE CONDITIONS AND STABILITY
This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze.

REAGENT PREPARATION
No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

SELECTED RESEARCH REFERENCES

TRADEMARKS
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