IOTest CD105-PE

PN B76299 – 1 mL – Liquid – Clone TEA3/17.1.1

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

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SPECIFICITY
The CD105 antigen is a 170-180 kDa RGD-containing molecule which is present on the cell surface as a disulphide-linked homodimer. The molecule is a co-receptor for transforming growth factor (TGF) β1 and β3 (1). It is expressed mainly on endothelial cells, but also strongly in pre-B lymphocytes and in a subpopulation of monocytes. CD105 is a regulatory protein of TGF-beta receptor complex. It is a modulator of TGF-beta 1 cell response.
The TEA3/17.1.1 monoclonal antibody reacts with endothelial cells from various tissues, monocytes, pre-B lymphocytes and proerythroblasts from bone marrow.
The TEA3/17.1.1 monoclonal antibody has been assigned to the CD105 cluster of differentiation at the sixth International Workshop on Human Leucocyte Differentiation Antigens held in Kobe, Japan, in 1996 (WS code : E105) (2).

REAGENT CONTENTS

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.

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.

SELECTED RESEARCH REFERENCES

TRADEMARKS
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