

1A-588-T025

Monoclonal Antibody to CD324 / E-Cadherin Allophycocyanin (APC) conjugated (25 tests)

Clone: 67A4

Isotype: Mouse IqG1

Specificity: The mouse monoclonal antibody 67A4 recognizes CD324 / E-cadherin, an

approximately 100 kDa epithelial cell adhesion molecule, whose detection is

important for determination of invasive potential of epithelial neoplasms.

HLDA VIII

Regulatory Status: RUO

Immunogen:

T-47D cells

Human

Preparation:

Species Reactivity:

The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography

and adjusted for direct use. No reconstitution is necessary.

Storage Buffer:

The reagent is provided in stabilizing phosphate buffered saline (PBS) solution

containing 15mM sodium azide.

Storage / Stability:

Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not

use after expiration date stamped on vial label.

Usage:

The reagent is designed for Flow Cytometry analysis of human blood cells using

10 µl reagent / 100 µl of whole blood or 10° cells in a suspension. The content of a vial (0.25 ml) is sufficient for 25 tests.

Expiration: See vial label

Lot Number: See vial label

Background:

CD324 / E-cadherin is an epithelial cell surface molecule, which provides calcium-dependent homophilic interactions with E-cadherin of another cell. These intaractions take part in morphogenetic programs controlling the maintenance of the structural and functional integrity of epithelia and affect invasive potential of epithelial neoplasms. CD324 / E-cadherin is implicated in cell growth and differentiation, cell recognition, and sorting during developmental morphogenesis, as well as in aggregation-dependent cell survival. CD324 / E-cadherin-mediated cell adhesion system is highly regulated from inside the cell by a number of

intracellular signaling pathways.



PRODUCT DATA SHEET

References:

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- *And many other.

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