Monoclonal Antibody to CD324 / E-Cadherin
Purified Antibody (0.025 mg)

Clone: 67A4
Isotype: Mouse IgG1
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
Species Reactivity: Human

Application:
Flow Cytometry
Application note: Tested on cell lines CACO-2 and HT-29. In this case the recommended concentration is 5-10 µg/ml per 1 million cells/ml.
Immunoprecipitation
Western Blotting
Immunohistochemistry (frozen sections)
Recommended dilution: 4-8 µg/ml
Positive tissue: tonsil
Immunocytochemistry

Purity: > 95% (by SDS-PAGE)

Purification: Purified by protein-A affinity chromatography

Concentration: 1 mg/ml

Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4

Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.

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 interactions 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.
References:


*And many other.

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO’s term and conditions which are available at www.exbio.cz.