

### 30-1412: Anti-CD324 / E-Cadherin Monoclonal Antibody (Clone:67A4)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	67A4
<b>Application :</b>	FACS, IP, WB, IHC-Fr, ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CDH1
<b>Gene ID :</b>	999
<b>Uniprot ID :</b>	P12830
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CDH1,CDHE,UVO
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	T-47D cells

#### Description

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.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Application note:* Tested on cell lines CACO-2 and HT-29. In this case the recommended concentration is 5-10 Åµg/ml per 1 million cells/ml.

**Immunoprecipitation Western Blotting Immunohistochemistry (frozen sections)** *Recommended dilution:* 4-8 Åµg/ml

*Positive tissue:* tonsil

**Immunocytochemistry**