

## Product Datasheet

### Cadherin Antibody (orb3169721)

<b>Catalog Number</b>	orb3169721
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CDH1/E-cadherin/CD324 Antibody is a monoclonal antibody targeting E-cadherin (encoded by the CDH1 gene). E-cadherin is a calcium-dependent cell adhesion molecule essential for maintaining the structural integrity and polarity of epithelial cells. By specifically binding to the extracellular domain of E-cadherin, this antibody is frequently utilized to study cell-cell adhesion mechanisms, the epithelial-mesenchymal transition (EMT) process, and tumor invasion and metastasis. In various cancers, the downregulation or loss of E-cadherin is considered a key hallmark of malignant progression and metastasis.
<b>Target</b>	Cadherin
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Antibody Type</b>	Inhibitor Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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