

bsm-51351M**[Primary Antibody]**

E cadherin Mouse mAb

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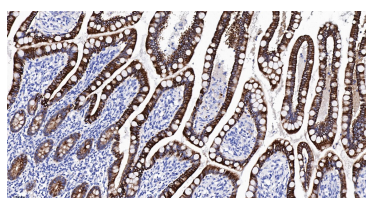
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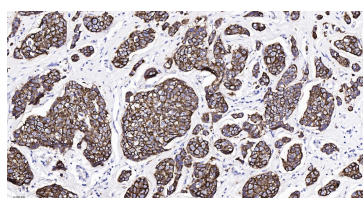
— DATASHEET —

Host: Mouse	Isotype: IgG	Applications: IHC-P (1:500-2000) IHC-F (1:500-2000) IF (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Monkey) Predicted MW.: 97 kDa Subcellular Location: Cell membrane
Clonality: Monoclonal	CloneNo.: 9C8	
GeneID: 999	SWISS: P12830	
Target: E cadherin		
Immunogen: Recombinant human CADH1: 1-392/882.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16. [provided by RefSeq, Nov 2015]		

— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with E cadherin Monoclonal Antibody, Unconjugated (bsm-51351M) at 1:1000 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with E cadherin Monoclonal Antibody, Unconjugated (bsm-51351M) at 1:1000 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.