

Product Datasheet

Anti-E-Cadherin Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01482

Product Information

Product name	Anti-E-Cadherin Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IF	1:200
Cellular localization	Cell junction. Cell membrane. Cytoplasm. Endosome. Golgi apparatus	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	E-Cadherin is a classical cadherin from the cadherin superfamily. The protein is a calcium dependent cell-cell adhesion glycoprotein 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 is thought to contribute to progression in cancer 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.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of E-Cadherin.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

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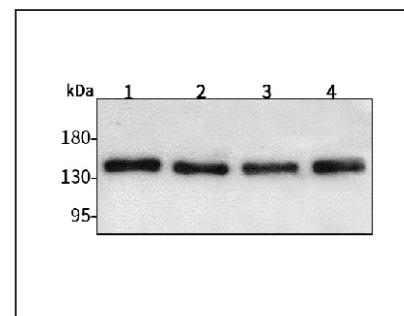
Anti-E-Cadherin Rabbit pAb



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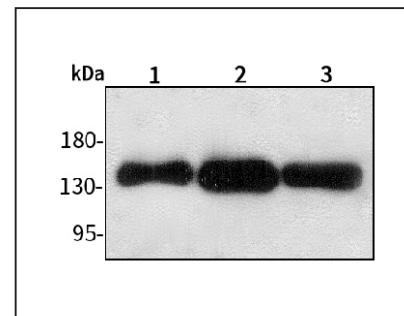
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Product Images



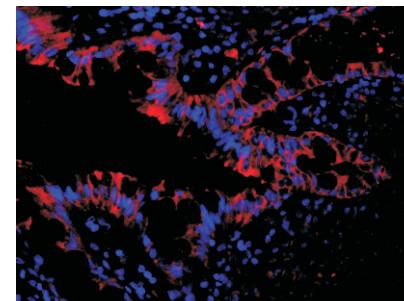
Western blot-Anti-E-Cadherin pAb

Lane 1: Human BGC-823 cell lysate
 Lane 2: Human MGC-803 cell lysate
 Lane 3: Human SGC-7901 cell lysate
 Lane 4: Human MCF-7 cell lysate
 All lanes: Anti-E-Cadherin at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 97 kDa
 Observed band size: 135 kDa



Western blot-Anti-E-Cadherin pAb

Lane 1: Mouse stomach tissue lysate
 Lane 2: Mouse lung tissue lysate
 Lane 3: Rat skin tissue lysate
 All lanes: Anti-E-Cadherin at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 97 kDa
 Observed band size: 135 kDa



Immunofluorescence-Anti-E-Cadherin pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-E-Cadherin Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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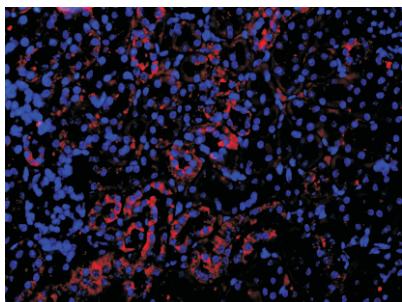
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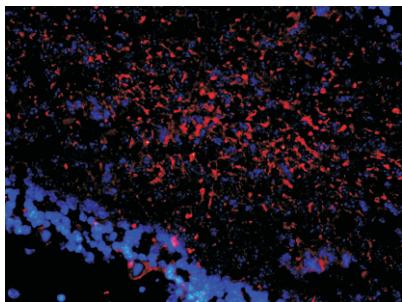


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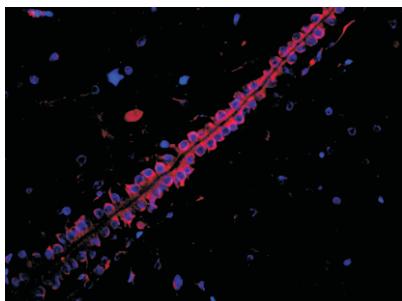
Immunofluorescence-Anti-E-Cadherin pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-E-Cadherin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-E-Cadherin pAb

Immunofluorescence analysis of paraffin-embedded mouse cerebellum using anti-E-Cadherin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-E-Cadherin pAb

Immunofluorescence analysis of paraffin-embedded rat brain using anti-E-Cadherin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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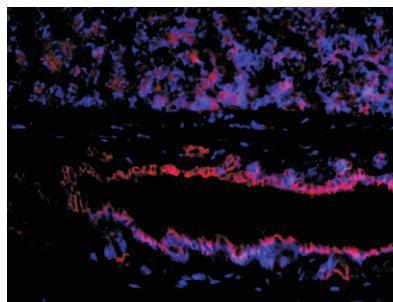
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Product Images



Immunofluorescence-Anti-E-Cadherin pAb

Immunofluorescence analysis of paraffin-embedded rat liver using anti-E-Cadherin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0