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Anti-E-Cadherin (CDH1) Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody
Catalog # ABV11820

Product Information

Application	WB, IHC
Primary Accession	P12830
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	97456 Da

Additional Information

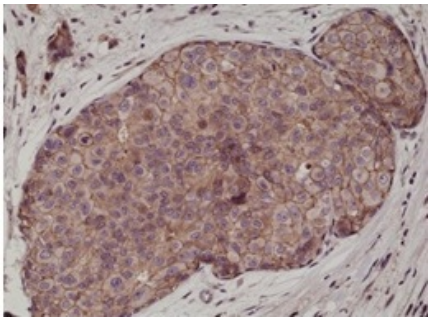
Positive Control	WB: MCF-7 cells; IHC: human breast cancer tissues
Application & Usage	IHC: 1:500 -1:1000 dilution; WB: 1:1000 - 1:2000 dilution
Alias Symbol	CDH1
Other Names	P-cadherin, N-Cadherin, E-Cadherin, K-Cadherin, M-jadherin, R-Cadherin
Appearance	Colorless liquid
Formulation	In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-E-Cadherin (CDH1) Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

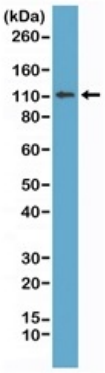
Background

Cadherins comprise a family of Ca-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins consist of large extracellular domains characterized by a series of five homologous NH2 terminal repeats. The most distal of cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxy terminal domains. The relative short intracellular domains interact with a variety of cytoplasmic proteins, such as β-catenin, to regulate cadherin function.

Images



Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using anti-E-cadherin monoclonal antibody at 1:1000 dilution.



Western blot of MCF-7 cells lysates using anti-E-cadherin monoclonal antibody at 1:1000 dilution, showed a band of E-cadherin (~120kDa) expressed in MCF-7 cells.