

Datasheet for ABIN1533229

anti-E-cadherin antibody (AA 1-50)

3 Images



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Overview

Quantity:	100 µL
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human E-cadherin.
Isotype:	IgG
Specificity:	E-cadherin Antibody detects endogenous levels of total E-cadherin protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E-Cadherin (CDH1 Products)
Background:	Synonyms: Cadherin-1, CAM 120/80, Epithelial cadherin, E-cadherin, Uvomorulin, CD324, E-

Target Details

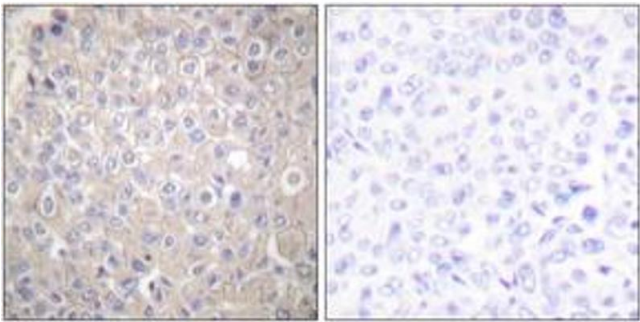
	Cad/CTF1, E-Cad/CTF2, E-Cad/CTF3 CDH1 , CDHE, UVO NCBI Gene Symbol: CDH1
Molecular Weight:	97 kDa
Gene ID:	999
OMIM:	137215
UniProt:	P12830
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.461086 (NCBI Gene Symbol: CDH1)
Restrictions:	For Research Use only

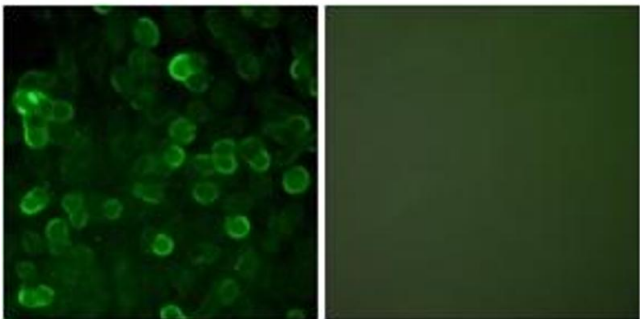
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



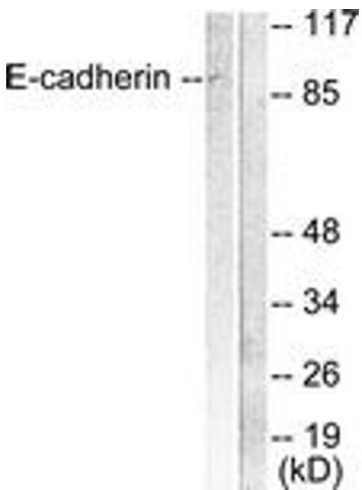
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using E-cadherin Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells, using E-cadherin Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from 293 cells, using E-cadherin Antibody. The lane on the right is treated with the synthesized peptide.