Datasheet for ABIN614587

anti-E-cadherin antibody (AA 381-481)

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Overview

Quantity:	50 µg
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 381-481
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant protein, CDH1 (NP_004351, 381 a.a. ~ 481 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Genename: CDH1
Clone:	3F4
Isotype:	IgG1
Specificity:	This antibody reacts to Cadherin 1, Type 1, E-cadherin (epithelial) (CDH1).
Purification:	Protein A Chromatography

Target Details

Target:	E-cadherin (CDH1)

Target Details

Alternative Name:	CD324 / Cadherin-1 (CDH1 Products)
Background:	E Cadherin (CDH1) is a classical cadherin from the cadherin superfamily. It is a calcium dependent cell-cell adhesion glycoprotein composed 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. Identified transcript variants arise from mutation at consensus splice sites.Synonyms: CAM 120/80, CDH1, CDHE, E-cadherin, Epithelial cadherin, UVO, Uvomorulin
Gene ID:	999
NCBI Accession:	NP_004351
UniProt:	P12830
Pathways:	WNT Signaling, Sensory Perception of Sound, Cell-Cell Junction Organization, Tube Formation

Application Details

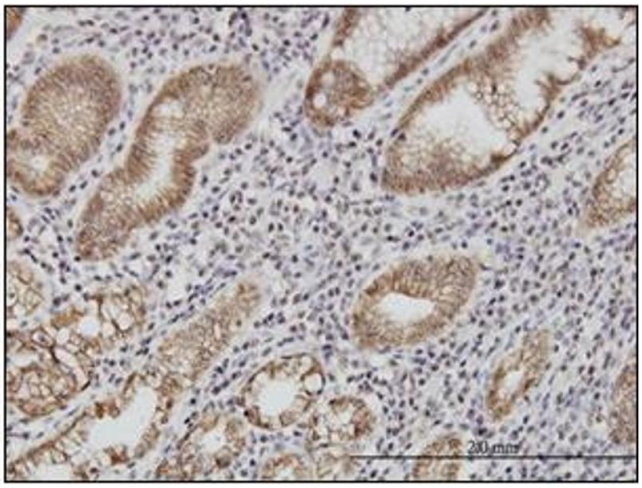
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

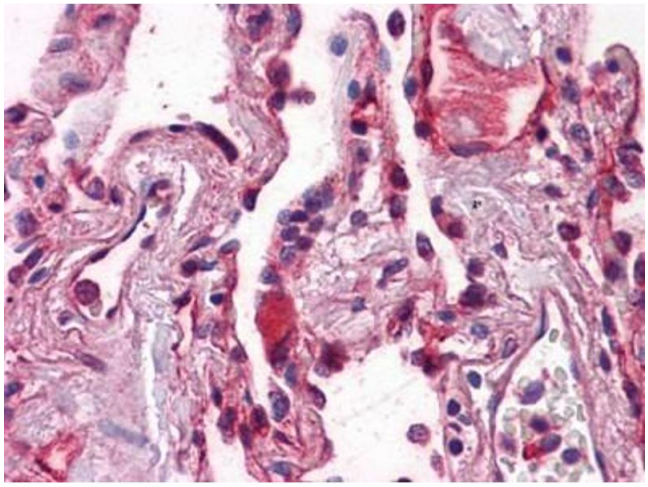
Publications

Product cited in:	Carvalho, Walter, Baermann-Stapel, Weller, Panne, Schenk, Schneider: "Non-invasive monitoring of immunization progress in mice via IgG from feces." in: **In vivo (Athens, Greece)**, Vol. 26, Issue 1, pp. 63-9, (2012) (PubMed).



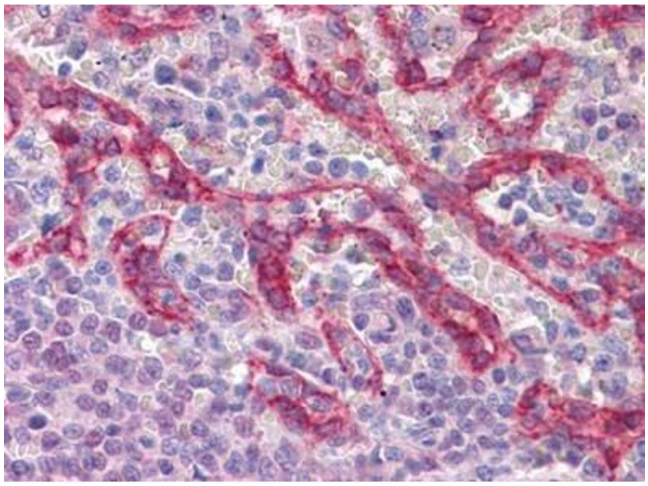
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 5 images are available for ABIN614587.