

Datasheet for ABIN7249790
anti-E-cadherin antibody



[Go to Product page](#)

3 Images

Overview

Quantity:	200 µL
Target:	E-cadherin (CDH1)
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein corresponding to MouseE-cadherin
Clone:	EC125D
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Affinity purification

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E-Cadherin (CDH1 Products)
Background:	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin

Target Details

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.

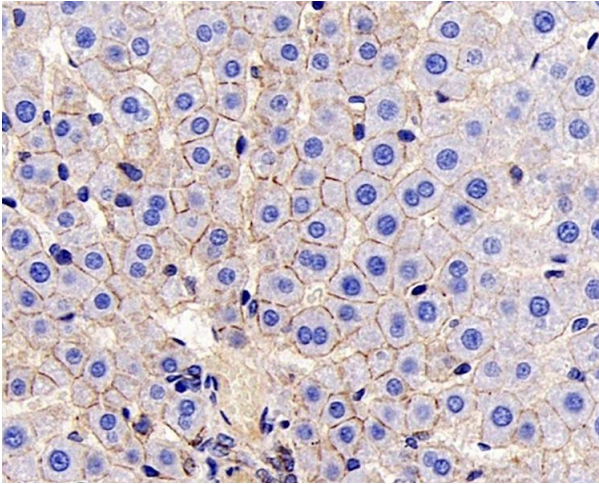
UniProt:	P09803 , Q9ROT4
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	IHC 1:200-1:800
Restrictions:	For Research Use only

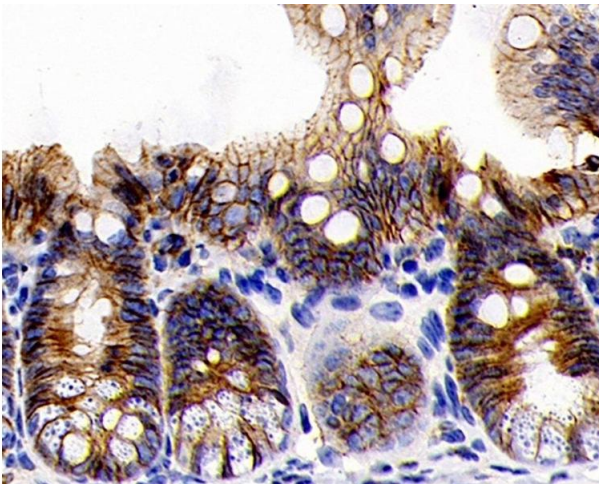
Handling

Format:	Liquid
Concentration:	1.6 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4
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:	Store at -20°C. Avoid freeze / thaw cycles.



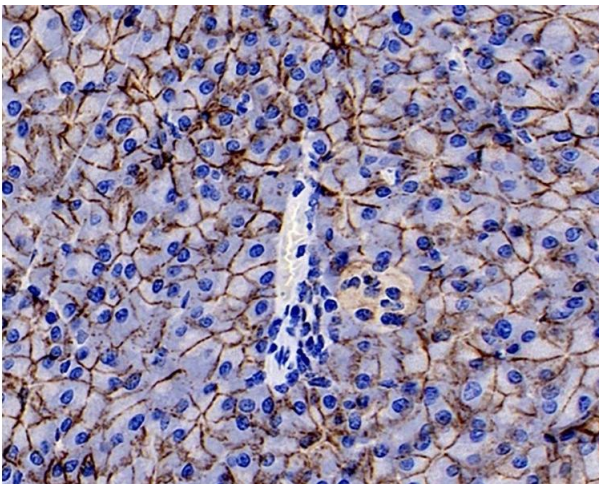
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded mouse liver using E-Cadherin Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded rat colon using E-Cadherin Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffin-embedded rat pancreas using E-Cadherin Monoclonal Antibody at dilution of 1:300.