

Datasheet for ABIN7477465

Recombinant anti-E-cadherin antibody[Go to Product page](#)**3** Images

Overview

Quantity:	1 mL
Target:	E-cadherin (CDH1)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant full-length human E-Cadherin protein
Clone:	MSVA-035R
Isotype:	IgG

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E-Cadherin (CDH1 Products)
Background:	Arc 1, cadherin 1 type 1 E-cadherin, Cadherin1, CAM 120/80, CD324, CDH1, CDHE, E-Cad/CTF3, E-cadherin, ECAD, Epithelial cadherin, epithelial calcium dependent adhesion protein, Liver cell adhesion molecule (LCAM), Uvomorulin (UVO), E-Cadherin antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

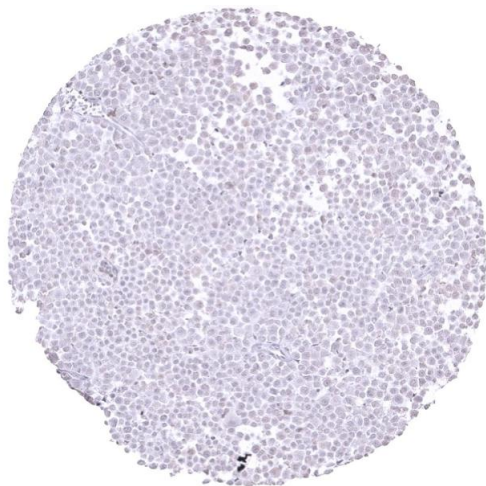
UniProt:	P12830
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: In the liver, at least a moderate membranous staining should be seen in hepatocytes while bile duct epithelia stain strongly. In the colon, only epithelium should display a strong membranous staining reaction. Negative Control: Tonsil or appendix: No staining reaction must be seen in stromal cells such as lymphocytes, plasma cells, smooth muscle cells or endothelial cells.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

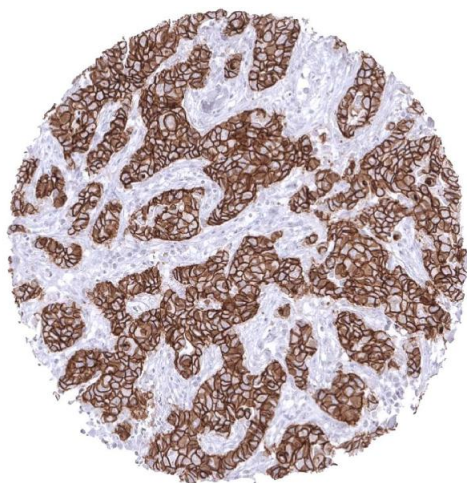
Handling

Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



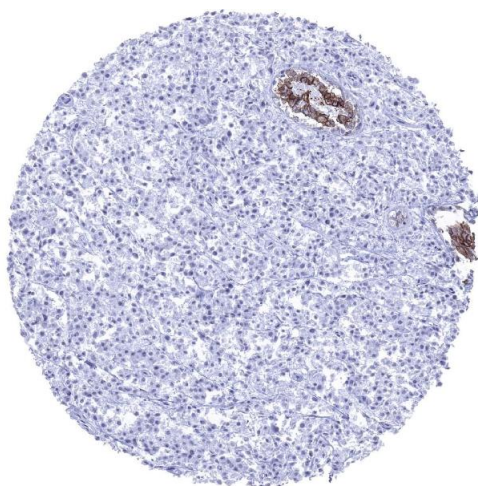
Immunohistochemistry

Image 1. Breast Absence of E cadherin staining in a lobular breast cancer



Immunohistochemistry

Image 2. Breast Strong membranous E cadherin staining in a breast cancer NST



Immunohistochemistry

Image 3. Absence of E cadherin staining in an invasive lobular breast cancer while normal breast glands show strong E cadherin positivity