

Anti-E-Cadherin (Cytoplasmic) Antibody



Product Details

Available Variants	100 µL (SKU:CM1681)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M168
Gene Name	CDH1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:50 ICC: 1:250 IP: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone (M168) was generated from a mouse recombinant E-Cadherin protein containing amino acids in the cytoplasmic region. This sequence is highly conserved in human and rat E-cadherin.
Specificity	This E-cadherin antibody detects a 120 kDa* protein in human A431 cells, and does not cross-react with VE-cadherin or N-cadherin.
Molecular Weight	120
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID P09803

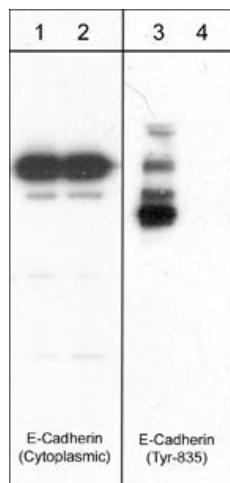
Country of Origin United States

Shipping Blue Ice

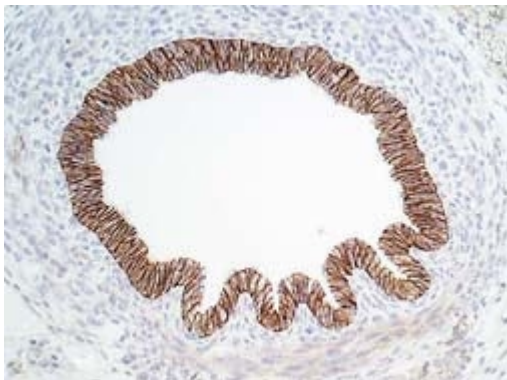
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

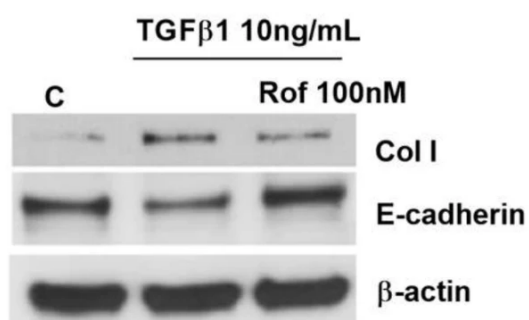
Product Images



Western blot image of human A431 cells treated with pervanadate (1 mM) for 30 min (lanes 1 & 3) then treated with alkaline phosphatase (lanes 2 & 4). Blots were probed with anti-E-Cadherin (Cytoplasmic) and anti-N-Cadherin (Tyr-860)/E-Cadherin (Tyr-835) conserved site.



Formalin fixed, citric acid treated paraffin sections of embryonic Rat E16 intestines. Sections were probed with anti-E-Cadherin (CM1681) then anti-mouse:HRP before detection using DAB. (Images provided by Carl Hobbs and Dr. Pat Doherty at Wolfson Centre for Age-Related Diseases, King's College London).



Human 3D differentiated epidermis was incubated with roflumilast (Rof, 100nM) or vehicle (0.1% DMSO; control) for 30 min followed by the stimulation with TGFβ1 (10 ng/ml) for 48 h (collagen type I and E cadherin proteins (Cat. CM1681)

Product Page URL: www.antibodiesinc.com/products/anti-e-cadherin-cytoplasmic-antibody-cm1681



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