

E-cadherin Monoclonal Antibody (MB2)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	MB2
Conjugate	Unconjugated
Immunogen	MCF-7/AZ cells expressing E-cadherin at their cell surface.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_557849

Applications	Tested Dilution	Publications
Western Blot (WB)	1:100-1:1,000	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:200	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Flow Cytometry (Flow)	1:100 - 1:200	-

Product Specific Information

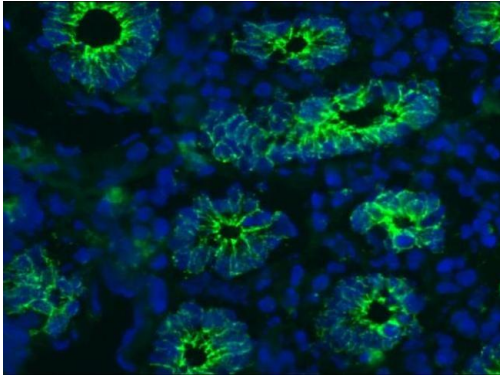
MA1-06300 detects E-cadherin in human samples.

MA1-06300 has successfully been used in Western blotting, Flow cytometry, immunocytochemistry on fixed cells (methanol fixation) and immunohistochemistry. By Western blotting, it detects a ~120 kDa protein representing E-cadherin.

The MA1-06300 immunogen is MCF-7/AZ cells expressing E-cadherin at their cell surface.

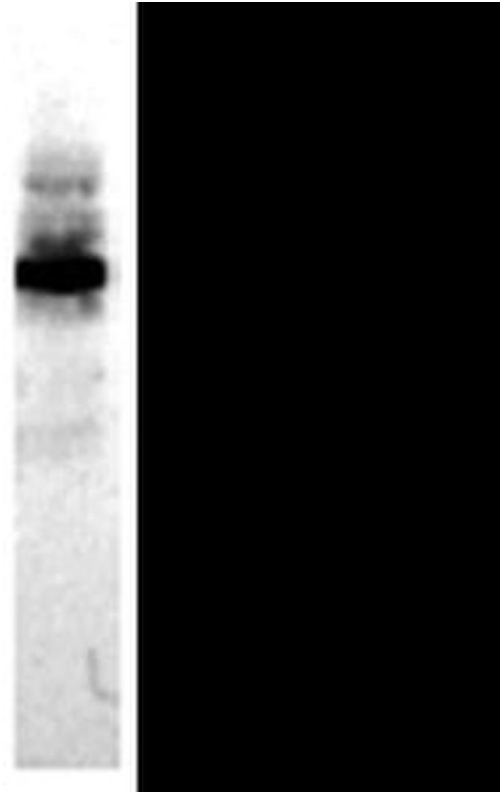
Store at 4°C, or in small aliquots at -20°C.

Product Images For E-cadherin Monoclonal Antibody (MB2)



E-cadherin Antibody (MA1-06300) in IHC (F)

Immunohistochemistry on frozen sections of small intestine stained with CD324/E Cadherin monoclonal antibody (Product # MA1-06300). Positive staining of the cell-cell adhesion molecules between the epithelial cells of the crypts.



E-cadherin Antibody (MA1-06300) in WB

Western blot analysis of CD324/E Cadherin in MCF-7 cellular extract using CD324/E Cadherin monoclonal antibody (Product # MA1-06300). Moderate reactivity with the 120 kDa full length protein and strong reactivity with the 80 kDa extracellular part of E-Cadherin

Western Blot (1)

International journal of molecular sciences

Effects of DSPP and MMP20 Silencing on Adhesion, Metastasis, Angiogenesis, and Epithelial-Mesenchymal Transition Proteins in Oral Squamous Cell Carcinoma Cells.

"MA1-06300 was used in Western Blotting to suggest that the tumorigenic effect of DSPP and MMP20 on OSC2 cells is mediated via the upregulation of the genes involved in invasion, metastasis, angiogenesis, and epithelial-mesenchymal transition (EMT)."

Authors: Aseervatham J,Ogbureke KUE

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2020

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.