abcam

Product datasheet

EMT Marker / Epithelial to Mesenchymal Transition Marker Panel ab216833

1 References 画像数 5

製品の概要

製品名
EMT Marker / Epithelial to Mesenchymal Transition Marker Panel

種交差性
交差種: Human

製品の概要
EMT Marker / Epithelial to Mesenchymal Marker antibody sampler panel ab216833 contains high performing antibodies against the key EMT markers: E-cadherin, N-cadherin, Snail + Slug, and Vimentin. It also contains an anti-rabbit secondary antibody.

EMT is a reversible process where epithelial cells undergo defined molecular changes to become motile mesenchymal cells. This EMT marker sampler panel is a cost-effective and convenient means of evaluating EMT.

The antibodies in this panel were selected for their exceptional performance in IHC in human tissues. These antibodies have also been tested in a number other applications and species. Please see the individual datasheets for additional information.

We do not recommend the use of SNAIL + SLUG antibody **ab85936** for western blot (note: the other antibodies in this panel perform well in western blot). For SNAIL + SLUG in western blot, we recommend **ab180714**.

Panel contents:

E-cadherin rabbit monoclonal **ab40772** - 10 µl
N-cadherin rabbit monoclonal **ab76011** - 10 µl
Snail + Slug rabbit polyclonal **ab85936** - 10 µg
Vimentin rabbit monoclonal **ab92547** - 10 µl
anti-rabbit secondary antibody (HRP) **ab205718** - 100 µg

特記事項
Explore our range of antibody sample panels designed to provide you with a variety of trial-size antibodies in a convenient and cost-effective format.

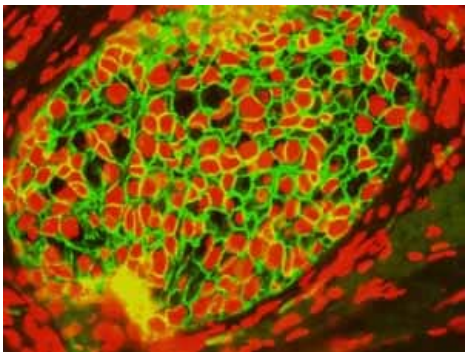
Carrier-free formulations of our recombinant antibodies are available and ready to use for multiplex IHC analysis including Imaging Mass Cytometry™. Please refer to the 'Associated products' section below.

製品の特性

保存方法 Store at -20°C. Please refer to protocols.

内容	1 packs
ab40772 - Anti-E Cadherin antibody [EP700Y]	1 x 10µl
ab76011 - Anti-N Cadherin antibody [EPR1791-4]	1 x 10µl
ab85936 - Anti-SNAIL + SLUG antibody	1 x 10µg
ab92547 - Anti-Vimentin antibody [EPR3776]	1 x 10µl
ab205718 - Goat Anti-Rabbit IgG H&L (HRP)	1 x 100µg

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-E Cadherin antibody [EP700Y] (

ab40772

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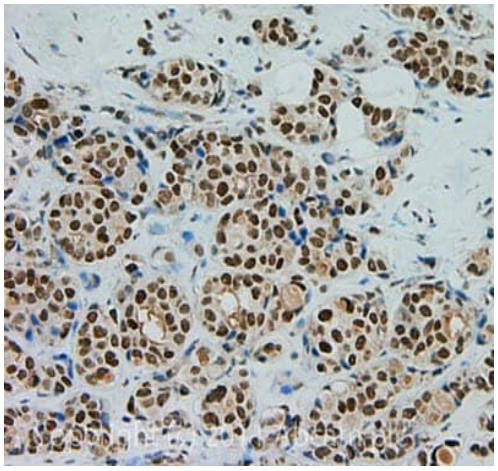
Fluorescent immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using **ab40772**. Green-E-Cadherin red-PI



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAIL + SLUG antibody (

ab85936

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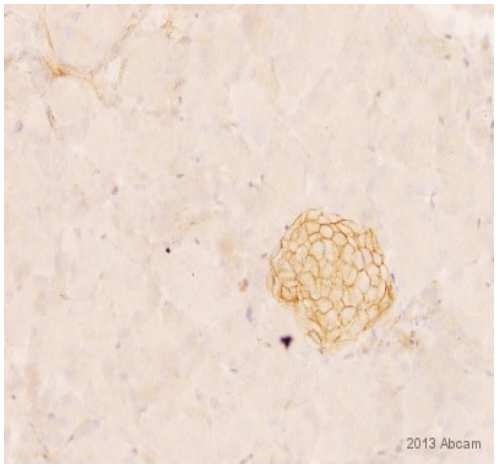
IHC image of **ab85936** staining in human breast ductal carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica BondTM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with **ab85936**, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-N Cadherin antibody [EPR1791-4] (

ab76011

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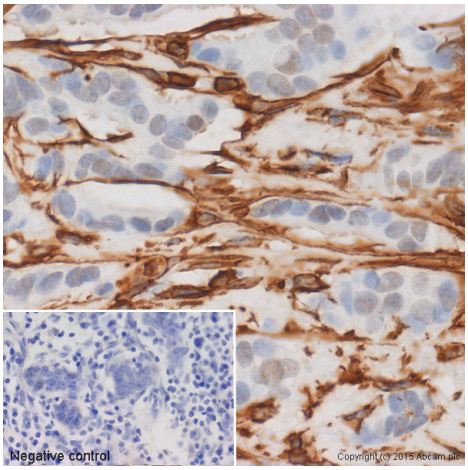
This image is courtesy of an anonymous Abreview

ab76011 staining N Cadherin in Mouse pancreas tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 1% BSA + 1% FBS for 2 hours at room temperature; antigen retrieval was by heat mediation in a citrate buffer pH6. Samples were incubated with primary antibody (1/500 in 1% BSA + 1% FBS) for 16 hours at 4°C. An undiluted HRP-conjugated Goat anti-rabbit IgG polyclonal was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vimentin antibody [EPR3776] - Cytoskeleton Marker (**ab92547**)

IHC image of unpurified **ab92547** staining Vimentin in human breast adenocarcinoma formalin-fixed paraffin-embedded tissue sections*, performed on a Leica Bond. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with **ab92547**, 1/200 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. No primary antibody was used in the negative control (shown on the inset).

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre

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