



# E-cadherin

Adherens junctions, active suppressor of invasion and growth of many epithelial cancers

## Antibody Information

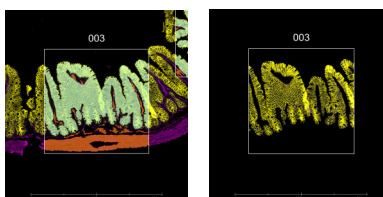
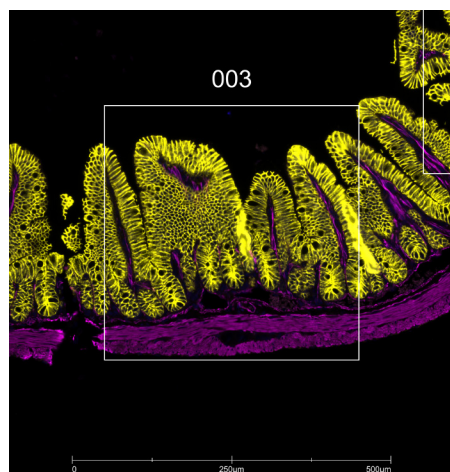
Clone ID	36/E-Cadherin
Fluorophore	AF647
Antibody Concentration	1 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG2a Kappa
Lot Tested	1249221

## Immunofluorescent Screening Information

Tissue Type	Mm colon, small intestine, kidney, lung, liver
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

## Vendor Information

Vendor	Fisher
Catalog Number/Web Link	<a href="#">BDB560062</a>



E-cadherin (yellow) localizes to adherens junctions in mouse colon (left image). The expression pattern of the E-cadherin+ adherens junctions can be isolated from Acta2+ fibroblasts and smooth muscle (magenta) through GeoMx segmentation (right image).

## Legend

E-cadherin: yellow Acta2: magenta  
SYTO83: blue  
Segmentation for E-cadherin: green  
Segmentation for Acta2: orange

## Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	13.5
ROI Type	Geometric or Segmented

\* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit [nanosttring.com/GeoMxDSP](https://nanosttring.com/GeoMxDSP)

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