



# E-Cadherin

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

## Antibody Information

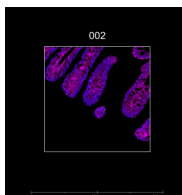
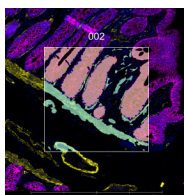
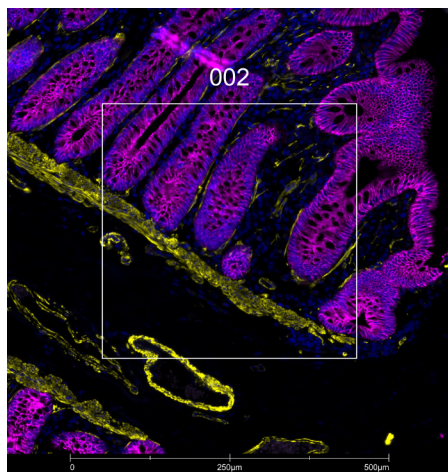
Clone ID	36/E-Cadherin
Fluorophore	AF647
Antibody Concentration	1 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG2a Kappa
Lot Tested	1249221

## Immunofluorescent Screening Information

Tissue Type	Hs colon, bladder, cervix, salivary gland, skin, myometrium, pancreas, lung, tonsil, breast
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 (magenta) localizes to adherens junctions in human colon (left image). The expression pattern of these E-cadherin+ adherens junctions can be isolated from ACTA2+ fibroblasts and smooth muscle cells (yellow) through GeoMx segmentation (right image).

## Legend

E-cadherin: magenta ACTA2: yellow  
SYTO13: blue  
Segmentation for E-cadherin: orange  
Segmentation for ACTA2: green

## Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	20.2
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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