



Title:

Feathered Villus

Description:

Cross-view of a human intestinal villus looking like a feathered sphere. Immunofluorescence staining shows epithelial cells (E-cadherin, green), cell nuclei (DAPI, blue) and mucus secreting goblet cells and secreted mucus (Mucin-2, magenta). This image depicts the abundance of goblet cells in the Villus; they play a crucial role in antimicrobial defense due to the mass of secreted mucus. Images were taken on a LEICA TCS SP8 confocal microscope. Scale bar: 25 μ m