



# KRT (PanCk)

## Epithelial cells

### Antibody Information

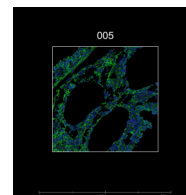
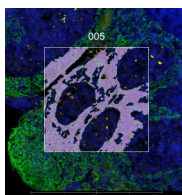
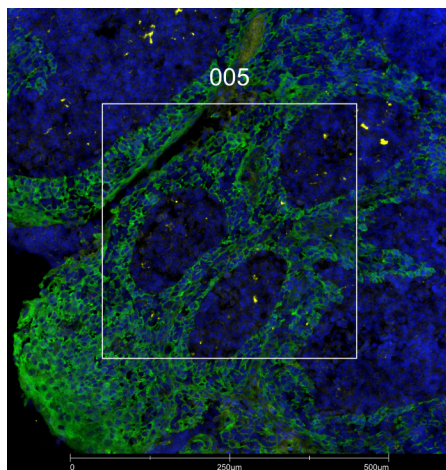
|                        |                                  |
|------------------------|----------------------------------|
| Clone ID               | AE-1/AE-3                        |
| Fluorophore            | AF594                            |
| Antibody Concentration | 2 µg/mL                          |
| Mono or Polyclonal     | Mono                             |
| Host & Isotype         | Mouse IgG1/IgG1 Kappa            |
| Lot Tested             | MSM2-371PABX-202119-092821-AF594 |

### Immunofluorescent Screening Information

|                            |                    |
|----------------------------|--------------------|
| Tissue Type                | FrF Human tonsil   |
| Section Thickness          | 5 µm               |
| HIER                       | 10 min 100°C       |
| Proteinase K Concentration | 1 µg/mL            |
| Fixation/Embedding         | fresh frozen / OCT |

### Vendor Information

|                         |                                 |
|-------------------------|---------------------------------|
| Vendor                  | Novus                           |
| Catalog Number/Web Link | <a href="#">NBP2-33200AF594</a> |



KRT (green) localizes to epithelial cells in human tonsil (left image). The expression pattern of these KRT+ epithelial cells can be isolated from CD68+ macrophages (yellow) through GeoMx segmentation (right image).

### Legend

KRT: green      CD68: yellow  
 SYTO83: blue  
 Segmentation for KRT: pink  
 Segmentation for CD68: orange

### Stained Image Data

|                 |                        |
|-----------------|------------------------|
| Exposure Time   | 300 ms                 |
| Signal-to-Noise | 5.5                    |
| 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)

#### NanoString Technologies, Inc.

530 Fairview Avenue North  
 Seattle, Washington 98109

T (888) 358-6266  
 F (206) 378-6288

[nanosttring.com](https://nanosttring.com)  
[info@nanosttring.com](mailto:info@nanosttring.com)

#### Sales Contacts

United States [us.sales@nanosttring.com](mailto:us.sales@nanosttring.com)  
 EMEA: [europe.sales@nanosttring.com](mailto:europe.sales@nanosttring.com)

Asia Pacific & Japan [apac.sales@nanosttring.com](mailto:apac.sales@nanosttring.com)  
 Other Regions [info@nanosttring.com](mailto:info@nanosttring.com)