

# Maxpar Human Immuno-Oncology IMC Panel Kit

**Catalog number:** 201505

**Storage:**

- Antibodies: 4 °C. Do not freeze.
- Cell-ID™ Intercalator-Ir: -20 °C

**Reactivity:** Human

**Application:** IMC paraffin

**Contents:**

- Cell-ID™ Intercalator-Ir (125 µM; 500 µM)
  - Maxpar® antibodies\*, 25 µg, 0.5 mg/mL (See table for panel.)
- \* The antibodies are provided in individual tubes, not a pre-mixed cocktail.

## Technical Information

**Description:** The Maxpar® Human Immuno-Oncology IMC™ Panel Kit enables interrogation of the tumor microenvironment including activated tumor-infiltrating lymphocytes and cancer cells in formalin-fixed, paraffin-embedded tissue sections using 18-plex Imaging Mass Cytometry™ (IMC™). The panel kit includes 17 antibodies and a nucleic acid stain, and it leaves 18 open detection channels. This panel kit is recommended for investigation of the spatial distribution of biomarker expression. The kit combines the Human Tumor-Infiltrating Lymphocytes IMC Panel Kit, Maxpar Human Immune Activation IMC Panel Kit, and Maxpar Human Tissue Architecture IMC Panel Kit.

**Recommended use:** For staining with the Maxpar Human Immuno-Oncology IMC Panel Kit, prepare human FFPE tissue using standard techniques according to the Imaging Mass Cytometry Staining Protocol for FFPE Sections (PN 400322). Additional materials and equipment may be required for tissue staining and acquisition.

| Target              | Clone        | Metal       |
|---------------------|--------------|-------------|
| Smooth muscle actin | 1A4          | 141Pr       |
| Collagen type I     | Poly         | 169Tm       |
| E-cadherin          | 24E10        | 158Gd       |
| Histone 3           | D1H2         | 171Yb       |
| Vimentin            | D21H3        | 143Nd       |
| Granzyme B          | EPR20129-217 | 167Er       |
| Ki-67               | B56          | 168Er       |
| PD-1                | EPR4877(2)   | 165Ho       |
| PD-L1               | SP142        | 150Nd       |
| CD20                | H1           | 161Dy       |
| CD3                 | Poly         | 170Er       |
| CD4                 | EPR6855      | 156Gd       |
| CD45RO              | UCHL1        | 173Yb       |
| CD68                | KP1          | 159Tb       |
| CD8a                | C8/144B      | 162Dy       |
| FoxP3               | 236A/E7      | 155Gd       |
| Pan-keratin         | C11          | 148Nd       |
| Nucleic acid        |              | 191Ir/193Ir |

**For technical support visit [techsupport.fluidigm.com](https://techsupport.fluidigm.com). | For general support visit [fluidigm.com/support](https://fluidigm.com/support).**

**For Research Use Only. Not for use in diagnostic procedures.**

Information in this publication is subject to change without notice. **Patent and license information:** [fluidigm.com/legal/notices](https://fluidigm.com/legal/notices). **Limited Use Label License:** The purchase of this Fluidigm Instrument and/or Consumable product conveys to the purchaser the limited, nontransferable right to use with only Fluidigm Consumables and/or Instruments respectively except as approved in writing by Fluidigm. **Trademarks:** Fluidigm, the Fluidigm logo, Cell-ID, Imaging Mass Cytometry, IMC, and Maxpar are trademarks and/or registered trademarks of Fluidigm Corporation in the United States and/or other countries. All other trademarks are the sole property of their respective owners. © 2019 Fluidigm Corporation. All rights reserved. 08/2019