

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

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