

Maxpar Human T Cell Phenotyping Panel Kit

Catalog: 201305
 Package Size: 25 tests

Storage:

- Antibodies, buffers, and water: 4 °C. Do not freeze.
- Cell-ID Intercalator-Ir: -20 °C.

Contents:

- Maxpar® Cell Staining Buffer (500 mL)
- Maxpar Fix and Perm Buffer (25 mL)
- Maxpar Water (500 mL)
- Cell-ID™ Intercalator-Ir (125 µM; 25 µL)
- Maxpar antibodies (see table for panel)*

* The antibodies are provided in individual tubes, not a pre-mixed cocktail.

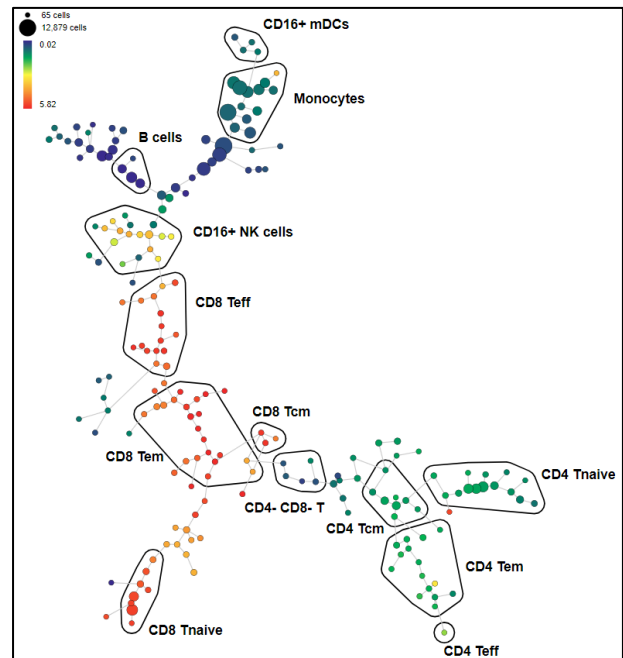
Target	Clone	Metal	Target	Clone	Metal
CD11a	HI111	142Nd	CD45RO	UCHL1	165Ho
CD4	RPA-T4	145Nd	CD44	BJ18	166Er
CD8a	RPA-T8	146Nd	CD27	O323	167Er
CD16	3G8	148Nd	CD45RA	HI100	169Tm
CD25	2A3	149Sm	CD3	UCHT1	170Er
CD45	HI30	154Sm	CD57	HCD57	172Yb
CCR7	G043H7	159Tb	HLA-DR	L243	174Yb
CD69	FN50	162Dy	CD127	A019D5	176Yb

Technical Information

Description: The Maxpar Human T Cell Phenotyping Panel Kit is designed for use with fresh or frozen human whole blood or PBMC. The kit contains all the reagents needed to run a CyTOF® experiment including buffers optimized for staining and a nucleic acid intercalator used for single-cell identification. The 16 antibodies in the kit allow for the identification of all major T cell subsets including naïve, central memory, effector, and effector memory CD4+ and CD8+ cells, and also classify the activation and homing status of these subtypes.

Recommended usage: Human whole blood or PBMC isolated by standard techniques are stained according to the Maxpar Cell Surface Staining Protocol. Data collection is performed on a CyTOF mass cytometer.

Analysis: The .fcs files created can be analyzed by most programs designed for .fcs file analysis. An example analysis, Human PBMC Basic Panel, is available for reference at Fluidigm.Cytobank.org. (Results will vary due to donor and staining condition differences.)



PBMC stained with the Maxpar Human T Cell Phenotyping Panel Kit. Node size represents number of cells. Color represents CD8 expression level.

For technical support visit <http://techsupport.fluidigm.com>. For general support visit <http://www.fluidigm.com/support>.

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