

Maxpar Human Peripheral Blood Basic II Phenotyping Panel Kit, 7 Marker—25 Tests

Catalog: 201315
 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 premixed cocktail.

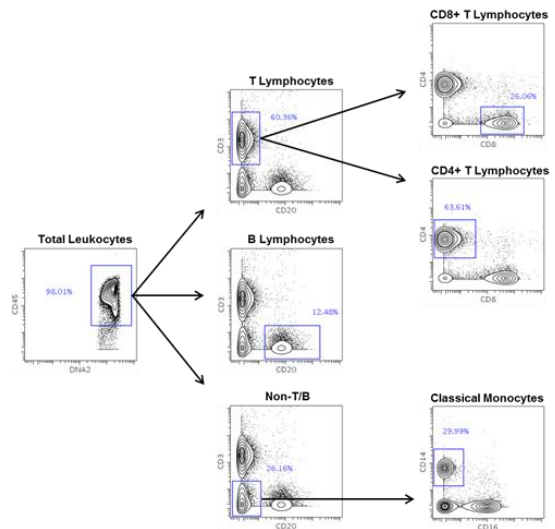
Target	Clone	Metal
CD4	RPA-T4	145Nd
CD8a	RPA-T8	146Nd
CD20	2H7	147Sm
CD16	3G8	148Nd
CD45	HI30	154Sm
CD14	M5E2	160Gd
CD3	UCHT1	170Er

Technical Information

Description: The Maxpar Human Peripheral Blood Basic II Phenotyping Panel Kit is designed for use with fresh or frozen human whole blood or PBMC. The 7 antibodies in the kit allow for the identification of CD4+ T, CD8+ T, B cells, monocytes, natural killer cells, and granulocytes.

Recommended usage: Human whole blood or PBMC isolated by standard techniques are stained according to the [Maxpar Cell Surface Staining Protocol](#). The kit contains buffers optimized for staining and a nucleic acid intercalator used for single-cell identification. Additional materials and equipment may be required for cell staining and acquisition. Please refer to [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, Fluidigm Basic Human PBMC Panel, is available for reference at Premium.Cytobank.org. (Results will vary due to donor and staining condition differences.)



Human PBMC stained with the Maxpar Human Peripheral Blood Basic II Phenotyping Panel Kit. Total viable cells are displayed in the analysis.

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

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