

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

Catalog: 201302  
 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 Metal-Conjugated Antibodies (see table for panel)\*

\* The antibodies are provided in individual tubes, not a premixed cocktail.

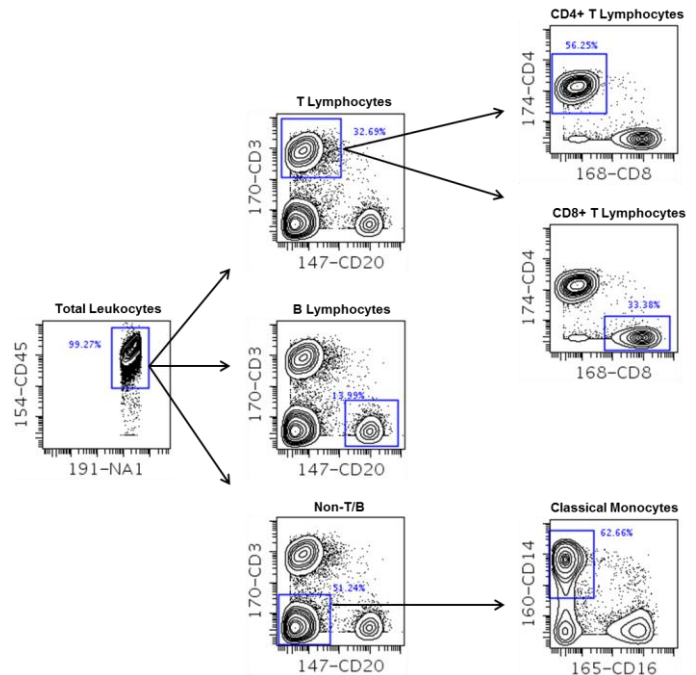
Target	Clone	Metal
CD20	2H7	147Sm
CD45	HI30	154Sm
CD14	M5E2	160Gd
CD16	3G8	165Ho
CD8	SK1	168Er
CD3	UCHT1	170Er
CD4	SK3	174Yb

## Technical Information

**Description:** The Maxpar Human Peripheral Blood Basic I 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 were stained with the Maxpar Human Peripheral Blood Basic I 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>.

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

Information in this publication is subject to change without notice. **Safety data sheet information:** <http://www.fluidigm.com/sds>. **Patent and license information:** <http://www.fluidigm.com/legalnotices>. **Limited Use Label License:** The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased consumable or reagent only with Fluidigm instruments and systems. **Trademarks:** Fluidigm, the Fluidigm logo, Cell-ID, CyTOF, and Maxpar are trademarks and/or registered trademarks of Fluidigm Corporation in the United States and/or other countries. © 2018 Fluidigm Corporation. All rights reserved. 08/2018