

# Maxpar Human B-Cell Phenotyping Panel Kit, 12 Marker—25 Tests

Catalog: 201314  
 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.

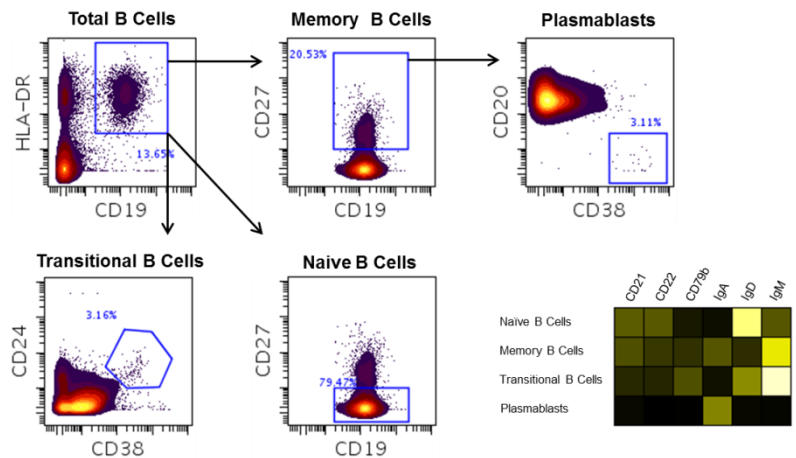
Target	Clone	Metal	Target	Clone	Metal
CD19	HIB19	142Nd	CD22	HIB22	159Tb
IgD	1A6-2	146Nd	CD79b	CB3-1	162Dy
CD20	2H7	147Sm	CD38	HIT2	167Er
IgA	Polyclonal	148Nd	CD24	ML5	169Tm
CD21	BL13	152Sm	IgM	MHM-88	172Yb
CD27	L128	155Gd	HLA-DR	L243	174Yb

## Technical Information

**Description:** The Maxpar Human B-Cell Phenotyping Panel Kit is for the identification and phenotyping of human B-cells, including naive, memory, transitional, and plasma B-cell populations.

**Recommended usage:** For staining with the Maxpar Human B-Cell Phenotyping Panel Kit, cells should be prepared using standard techniques and 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](http://Premium.Cytobank.org). (Results will vary due to donor and staining condition differences.)



**Human PBMC were stained with the Maxpar Human B-Cell Phenotyping Panel Kit. The gating of naive, memory, transitional and plasma B-cells is shown on total viable singlet cell events. The heatmap displays the mean expression of markers in the indicated B-cell subsets.**

**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