

Maxpar Mouse Spleen/Lymph Node Basic Phenotyping Panel Kit, 6 Marker—25 Tests

Catalog: 201303
 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)*

Target	Clone	Metal
CD45	30-F11	147Sm
CD11b/Mac-1	M1/70	148Nd
CD3e	145-2C11	152Sm
CD8a	53-6.7	168Er
CD4	RM4-5	172Yb
B220	RA3-6B2	176Yb

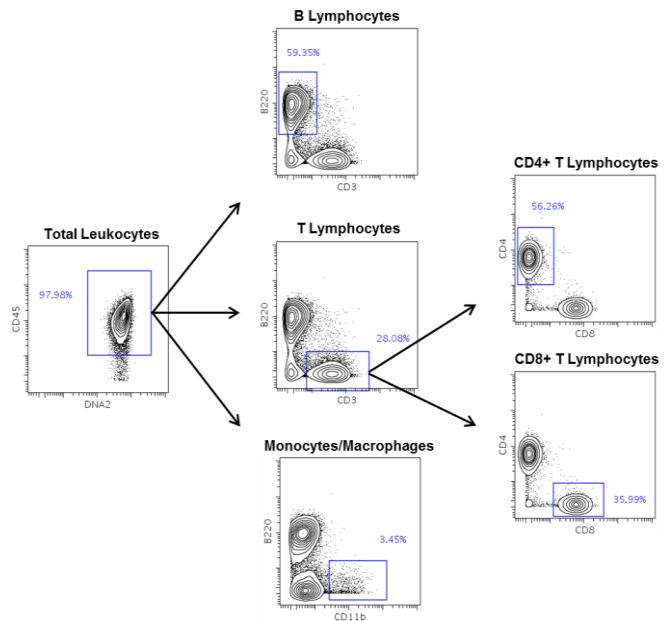
* The antibodies are provided in individual tubes, not a premixed cocktail.

Technical Information

Description: The Maxpar Mouse Spleen/Lymph Node Phenotyping Panel Kit is designed for use with fresh or frozen isolated mouse splenocytes and thymocytes. The 6 antibodies in the kit allow for the identification of CD4+ T, CD8+ T, B cells, macrophages and monocytes.

Recommended usage: Mouse splenocytes and thymocytes 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.)



Mouse splenocytes stained with the Maxpar Mouse Spleen/Lymph Node Basic 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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