

Maxpar[®] Mouse Spleen/Lymph Node Basic Phenotyping Panel Kit

Catalog#: 201303
 Package Size: 25 tests

Storage:

- Antibodies, Buffers, and Water: 4°C. Do not freeze.
- 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.

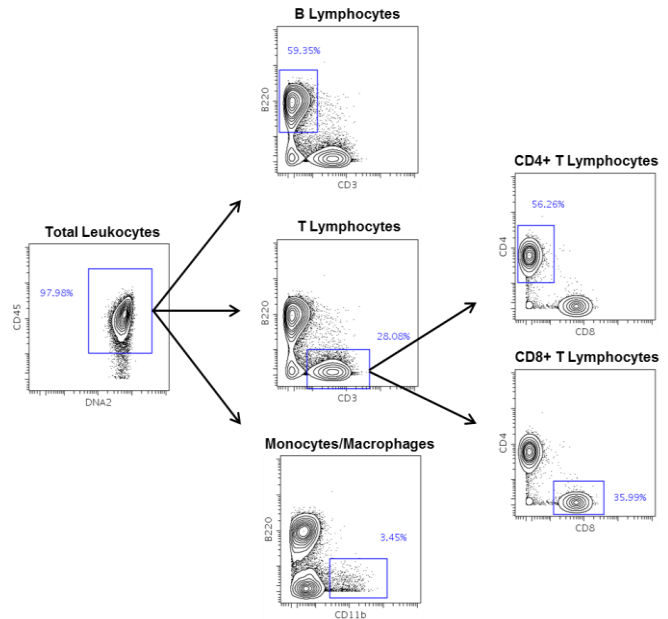
| Target | Clone | Metal |
|-------------|----------|-------|
| CD45 | 30-F11 | 147Sm |
| CD11b(MAC1) | M1/70 | 148Nd |
| CD3e | 145-2C11 | 152Sm |
| CD8a | 53-6.7 | 168Er |
| CD4 | RM4-5 | 172Yb |
| B220 | RA3-6B2 | 176Yb |

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 kit includes 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 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. 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 sample 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 fluidigm.com/support

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