Maxpar Direct Expansion Panels
Deeper immune cell coverage with 6 new panels

For streamlined and standardized immune monitoring studies, start with the Maxpar® Direct™ Immune Profiling Assay™.

This dried-down and ready-to-stain 30-marker panel provides excellent immune cell coverage in human PBMC and whole blood, enabling analysis of 37 immune cell populations in a single tube.

For studies requiring more insight into specific immune cell populations or functional analysis, easily build on the Maxpar Direct backbone panel with 1 of 6 pre-made Expansion Panels.

Expand the Maxpar Direct Immune Profiling Assay

Each Maxpar Direct Expansion Panel consists of a collection of pre-selected antibodies* that fit open channels of the assay to enable deeper profiling of specific immune cell subsets.

*The antibodies are provided in individual tubes, not a pre-mixed cocktail.

†Cell-ID™ 127 IdU for proliferation assessment is the only reagent currently available for the 127I channel.

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<table>
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<tr>
<th>Isotope</th>
<th>Myeloid and B Cell Panel 1</th>
<th>Myeloid and B Cell Panel 2</th>
<th>NK Cell Panel</th>
<th>T Cell Panel 1</th>
<th>T Cell Panel 2</th>
<th>T Cell Panel 3</th>
</tr>
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<td>CD40</td>
<td>CD181 (CXCR1)</td>
<td>Tim-3</td>
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<td>TIGIT</td>
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<td>NKp46</td>
<td>CD69</td>
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Figure 1a. The Maxpar Direct Immune Profiling Assay is made from a backbone panel of 30 antibody markers (orange slots) with 14 channels left open for additional antibodies.

Figure 1b. The Maxpar Direct Immune Profiling Assay can be combined with 1 of 6 Maxpar Direct Expansion Panels (table, above) that fit into 7 of the empty channels (wheel, colored slots above). An additional 7 channels are available for further customization.
Maxpar Direct

Maxpar Direct Myeloid and B Cell Expansion Panel 1 enables deeper phenotyping of myeloid and B cell subsets. This panel includes markers for monocytic myeloid-derived suppressor cells, B cell regulation and activation and neutrophil activation and exhaustion.

Maxpar Direct Myeloid and B Cell Expansion Panel 2 enables deeper phenotyping of B cell and myeloid cell subsets. Additionally, the panel includes markers for transitional B cells and for monitoring B cell regulation and activation and exhaustion.

Maxpar Direct NK Cell Expansion Panel 1 enables deeper phenotyping of NK cells. This panel includes NK regulation and activation and exhaustion markers, which enable deeper profiling of NK subsets.

Maxpar Direct T Cell Expansion Panel 1 enables phenotyping of T cell and NK cell exhaustion. Comprehensive investigation of T cell exhaustion is enabled by the inclusion of 5 inhibitory receptor markers, the collective expression of which may indicate increasingly diminished cellular functions.

Maxpar Direct T Cell Expansion Panel 2 enables investigation of T cell migration, activation and exhaustion. This panel also enables in-depth assessment of circulating T follicular helper cells and T stem cell memory subset.

Maxpar Direct T Cell Expansion Panel 3 enables phenotyping of T cell costimulation and exhaustion. The panel may also be used to perform cytokine-independent activation-induced marker (AIM) assays to study antigen-specific T cell responses.

Learn how you can customize the Maxpar Direct Immune Profiling Assay at fluidigm.com/maxpardirectcustomize.

To place an order, contact your regional Sales Representative at go.fluidigm.com/contactus.