

## Lymphoid Lineage Panels

### MI-Basic™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD4	CD4 <sup>+</sup> T cell marker
CD8	CD8 <sup>+</sup> T cell marker
CD45	Pan-hematopoietic cell marker
Viability Dye	Dead cell exclusion

### MI-Treg™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD4	CD4 <sup>+</sup> T cell marker
CD8	CD8 <sup>+</sup> T cell marker
CD45	Pan-hematopoietic cell marker
CD25	Regulatory T cell marker
FoxP3	Regulatory T cell marker
Viability Dye	Dead cell exclusion

### MI-BasicT&B™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD4	CD4 <sup>+</sup> T Cell marker
CD8	CD8 <sup>+</sup> T Cell marker
CD19	B cell marker
CD45	Pan-hematopoietic cell marker
Viability Dye	Dead cell exclusion

### MI-NK™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD49b/CD335	Natural killer/Natural killer T cell marker
CD19	B cell marker
CD45	Pan-hematopoietic cell marker
Ly-6C	Myeloid-derived suppressor cell exclusion
Ly-6G	Myeloid-derived suppressor cell exclusion
Viability Dye	Dead cell exclusion

### MI-T A&E™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD4	CD4 <sup>+</sup> T cell marker
CD8	CD8 <sup>+</sup> T cell marker
CD45	Pan-hematopoietic cell marker
PD-1	T cell inhibitory signaling protein
CTLA-4	T cell inhibitory signaling protein
Ki-67	Proliferation marker
Viability Dye	Dead cell exclusion

### MI-Comp™

Antibody/Dye	Description
CD3	Pan-T cell marker
CD4	CD4 <sup>+</sup> T cell marker
CD8	CD8 <sup>+</sup> T cell marker
CD45	Pan-hematopoietic cell marker
CD25	Regulatory T cell marker
FoxP3	Regulatory T cell marker
PD-1	T cell inhibitory signaling protein
CTLA-4	T cell inhibitory signaling protein
Ki-67	Proliferation marker
Viability Dye	Dead cell exclusion

## Myeloid Lineage Panels

### MI-MDSC™

Antibody/Dye	Description
CD11b	Pan-myeloid lineage marker
Ly-6C	Monocytic-MDSC/Monocyte marker
Ly-6G	Granulocytic-MDSC/ Neutrophil marker
CD45	Pan-hematopoietic cell marker
CD3/CD19	T and B Cell exclusion
Viability Dye	Dead cell exclusion

### MI-TAM™

Antibody/Dye	Description
CD11b	Pan-myeloid lineage marker
F4/80	Pan-macrophage marker
Ly-6C	Myeloid-derived suppressor cell exclusion
MHC Class II	M1 macrophage marker
CD45	Pan-hematopoietic cell marker
CD206	M2 macrophage marker
Ly-6G	Myeloid-derived suppressor cell exclusion
CD11c	Dendritic cell marker
CD3/CD19	T and B cell exclusion
Viability Dye	Dead cell exclusion

### MI-ExpandedMyeloid™

Antibody/Dye	Description
CD11b	Pan-myeloid lineage marker
Ly-6C	Monocytic-MDSC/Monocyte marker
Ly-6G	Granulocytic-MDSC/ Neutrophil marker
CD45	Pan-hematopoietic cell marker
CD11c	Dendritic cell marker/MDSC characterization
CD49b/CD335	Natural killer dendritic cell markers
CD3/CD19	T and B Cell exclusion
Viability Dye	Dead cell exclusion

*Provides basic identification of most myeloid subsets*

### MI-CompMyeloid™

Antibody/Dye	Description
CD11b	Pan-myeloid lineage marker
Ly-6C	Monocytic-MDSC/Monocyte marker
Ly-6G	Granulocytic-MDSC/Neutrophil marker
CD115	Monocyte marker/MDSC characterization
CD45	Pan-hematopoietic cell marker
CD11c	Dendritic cell marker/MDSC characterization
F4/80	Macrophage marker/MDSC characterization
PD-L1	T cell inhibitory signaling protein
CD3/CD19	T and B cell exclusion
Viability Dye	Dead cell exclusion

*Provides comprehensive myeloid analysis and in depth characterization of myeloid-derived suppressor cells*