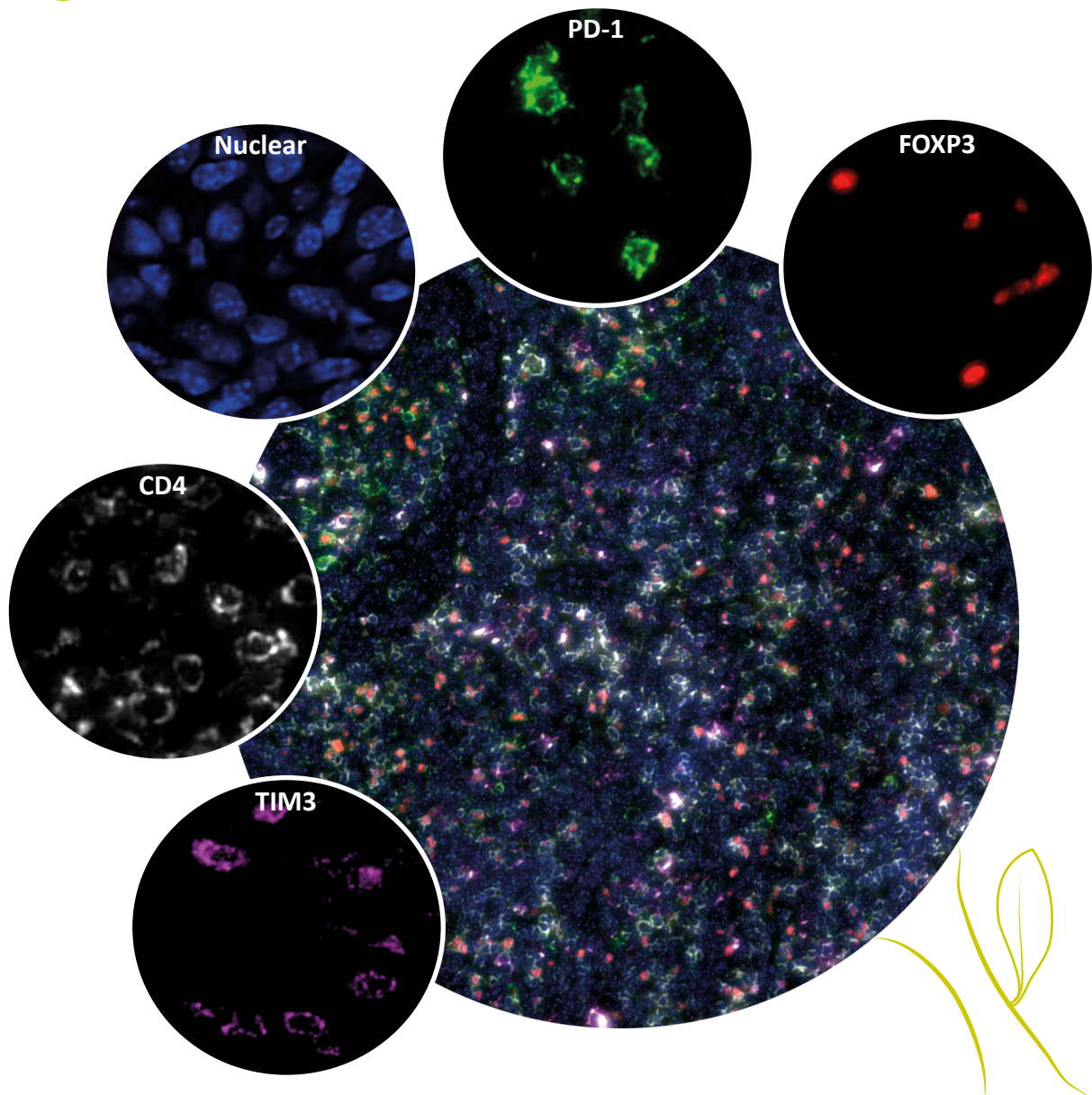




CD4 Cell Activity



The CD4 cell activity antibody panel is used to identify and profile the functional state of CD4-positive T cells. For instance, this can be used in the context of mouse syngeneic tumor environments. More specifically, cells marked with only CD4 are identified as T helper cells. When CD4 cells also express FoxP3 they are acting in an immunosuppressive T regulatory state. PD-1 and TIM-3 are both cell surface receptors actively induced on T cells after antigenic stimuli. They can indicate the immunosuppressed/exhausted phenotype of either CD4 or CD8 cells.