



Stay
curious

Solutions for all plex levels

No matter your imaging system and plex level of your assay,
Phenoplex has the solution for all spatial biology assays:
Fully automated phenotyping for up to 8 markers and user-guided
phenotyping for 8-40+ markers.



VISIOPHARM

Immune oncology PD-L/1 landscape

Common IO 8plex markers	Lineage Markers					Functional Markers		
Phenotype	CD3	CD4	CD8	CD68	CK/SOX10	FOXP3	PD-1	PD-L1
T cells	+							
T helper cells	+	+						
Cytotoxic immune cells (T and NK cells)			+					
Cytotoxic T cells	+		+					
FoxP3+ Treg cells	+					+		
Activated T helper cells	+	+					+	
Activated cytotoxic T cells	+		+				+	
Activated T cells	+						+	
Regulatory T cells (Treg)	+	+				+		
Activated Treg cells	+	+				+	+	
Suppressive Treg cells	+	+				+		+
CD4/CD8 Double-positive T cells	+	+	+					
Exhausted CD4/CD8 Double-positive T cells	+	+	+				+	
FOXP3+ Cytotoxic T cell	+		+			+		
Activated FOXP3+ Cytotoxic T cell	+		+			+	+	
Macrophage				+				
Macrophage (CD4)		+		+				
PD-L1+ macrophage		+		+				+
Tumor cell					+			
Immune-evading tumor cell					+			+

+ = positive for marker