

### Hyperion Panel Information for Mouse Fresh Frozen Sections

TAG	Marker	Cell Types Detected
89 Y	CD45	Hematopoietic cells
96 - 104 Ru	Ruthenium	Cytoplasmic counterstain (optional)
113 Cd/In		
115 In		
127 I		
140 Ce		
141 Pr		
142 Nd	gp38	Fibroblasts, mesenchymal cells
143 Nd		
144 Nd	MHC2	B cells, macrophages, DC
145 Nd		
146 Nd	aSMA	Myofibroblasts, pericytes
147 Sm		
148 Nd	CD11b	Monocytes, Macrophages, DC, neutrophils, eosinophils, basophils
149 Sm		
150 Nd		
151 Eu	EpCAM	Epithelial cells (some)
152 Sm		
153 Eu	CD22	B cells, macrophages, DC
154 Sm	CD8a	Cytotoxic T cells, some DC and NK cells
155 Gd	CD11c	Macrophages, DC
156 Gd	IgM	B cells
158 Gd	FOXP3	T-Regulatory cells
159 Tb		
160 Gd		
161 Dy		
162 Dy		
163 Dy	CD3	T cells
164 Dy		
165 Ho	CD31	Endothelial cells
166 Er		
167 Er	Ly6G	Granulocytes
168 Er	Ki67	Proliferating cells
169 Tm	TCRb	TCR alpha-beta T cells
170 Er		
171 Yb	CD64	Macrophages
172 Yb		
173 Yb	Sirpa	Macrophages, DC
174 Yb	CD4	T-Helper cells
175 Lu		
176 Yb	B220	B cells, some DC
191 Ir	DNA	Nuclei
193 Ir	DNA	Nuclei
194 Pt		
195 Pt		
196 Pt		
198 Pt		
209 Bi		