

Hyperion Panel Information for Mouse FFPE Tissues

TAG	Marker	Cell Types Detected
89 Y		
96 - 104 Ru	Ruthenium	Cytoplasmic counterstain (optional)
113 Cd/In		
115 In		
127 I		
140 Ce		
141 Pr		
142 Nd	aSMA	Myofibroblasts, pericytes
143 Nd		
144 Nd	Collagen Type I	Connective Tissue
145 Nd		
146 Nd		
147 Sm	CD45	Hematopoietic cells
148 Nd		
149 Sm		
150 Nd		
151 Eu	Epcam	Epithelial cells (some)
152 Sm	CD8a	Cytotoxic T cells, some DC and NK cells
153 Eu		
154 Sm	Vimentin	Nonepithelial cells, especially mesenchymal cells
155 Gd		
156 Gd	F4/80	Macrophages
158 Gd		
159 Tb		
160 Gd	CD3e	T cells
161 Dy		
162 Dy	CD4	T helper cells
163 Dy	CD11b	Monocytes, Macrophages, DC, neutrophils, eosinophils, basophils
164 Dy		
165 Ho	CD31	Endothelial cells
166 Er		
167 Er	Ly6G	Granulocytes
168 Er	Ki67	Proliferating cells
169 Tm	MHC2	B cells, macrophages, DC
170 Er		
171 Yb		
172 Yb		
173 Yb		
174 Yb	Fibronectin	ECM (to be validated)
175 Lu		
176 Yb	B220	B cells and subsets of T, NK, and DCs
191 Ir	DNA	Nuclei
193 Ir	DNA	Nuclei
194 Pt		
195 Pt		
196 Pt		
198 Pt		
209 Bi		