



provides

## **CyTOF reagents**

- Helios Suspension Antibodies
- Hyperion tissue section antibodies
  - FFPE and Fresh Frozen
- Barcode
  - 20-plex Palladium (Pd)
  - Cisplatin Pt195, Pt196
- Metal Isotopes for antibody conjugation

<b>Helios Suspension Antibodies (anti human)</b>			
<b>CD</b>	<b>Other name</b>	<b>Clone</b>	<b>Metal</b>
CD3		UCHT1	170Er
CD4		RPA-T4	145Nd
CD8		RPA-T8	146Nd
CD8		RPA-T8	162Dy
CD11b	Mac-1	ICRF44	167Er
CD11c		Bu15	159Tb
CD14		RMO52	160Gd
CD16		3G8	209Bi
CD19		HIB19	142Nd
CD20		2H7	147Sm
CD25		2A3	149Sm
CD27		L128	155Gd
CD33		WM53	169Tm
CD34		581	148Nd
CD38		HIT2	172Yb
CD45		HI30	Y89
CD45RA		HI100	143Nd
CD45Ro		UCHL1	165Ho
CD56		NCAM16.2	163Dy
CD57		HCD57	142Nd
CD62L		DREG-56	153Eu
CD64		10.1	146Nd
CD66b		80H3	152Sm
CD86	B7.2	IT2.2	150Nd
CD117	c-kit	104D2	143Nd
CD123	IL-3R	6H6	151Eu
CD127	IL-7Ra	A019D5	176Yb
CD141		1A4	173Yb
CD152	CTLA-4	14D3	161Dy
CD161		HP-3G10	164Dy
CD183	CXCR3	G025H7	156Gd
CD185	CXCR5	RF8B2	171Yb
CD194	CCR4	205410	158Gd
CD195	CCR5	NP-6G4	144ND
CD196	CCR6	GO34E3	141Pr
CD197	CCR7	G043H7	167Er
CD274	PDL1	29E.2A3	175Lu
CD279	PD-1	EH12.2H7	155Gd
CD303	BDCA2	201A	152Eu
CD366	Tim-3	F38-2E2	154Sm
CD366	TIM-3	D5D5R	154Sm
FoxP3		259D/C7	162Dy
HLA-DR		L243	174Yb
IgA		polyclonal	148Nd
IgD		IA6-2	146Nd
TCRgd		11F2	152Sm

**Price: 35,- / µl \*Minimum amount 4µl**

Specificity	Antibody	Clone	Tag	Species	FFPE	Frozen	Mouse	Human	Suspension
Smooth Muscle	Alpha-SMA	1A4	141Pr	Human	YES	YES	YES	YES	NOT TESTED
Extra-cellular matrix	Vimentin	RV202	143Nd	Cross	YES	YES	YES	YES	YES
Epithelial cell adhesion	CD326 (EpCAM)	9C4	144Nd	Human	YES	YES	NO	YES	YES
Epithelial cells	Pan-Keratin	C11	148Nd	Human	YES	YES	YES	YES	YES
Endothelial cells	CD31	EPR3094	151Eu	Human	YES	NOT TESTED	NO	YES	NOT TESTED
Leukocytes	CD45	D9M8I	152Sm	Human	YES	YES	NO	YES	NOT TESTED
	CD45	30F11	175Lu	Mouse	YES	YES	YES	NO	YES
Macrophages	CD11b/Mac-1	M1/70	154Sm	Mouse	YES	YES	YES	NO	YES
	CD68	KP1	159Tb	Human	YES	YES	NO	YES	NOT TESTED
Extra-cellular matrix	Collagen type I	Polyclonal	169Tm	Human	YES	YES	YES	YES	NOT TESTED
Generic Nuclei	Histone H3	D1H2	176Yb	Cross	YES	YES	YES	YES	YES

Price: 90,- /  $\mu$ l

## Suspension antibodies tested on fresh frozen tissue section

**Red:** Not working, or very low staining on tissue tested

**Green:** Positive identification. Background staining was variable.

Staining differed dependent on PFA or MetOH fixation after thawing.

*Tissue: Liver (L), Tonsil (T)*

\*Identification of pre-adipocytes

CD marker	Clone	Metal	Tissue
CD14	RMO52	160Gd	L
CD141	1A4	173Yb	L
CD16	3G8	209Bi	L
CD161	HP-3G10	164Dy	L
CD20	2H7	147Sm	T, L
CD25	2A3	149Sm	L
CD273/PDL-2	24F.10C12	166Er	L
CD274/PDL-1	29E.2A3	175Lu	L
CD3	UCHT1	170Er	T, L
CD34*	581	148Nd	L
CD366/TIM-3	F38-2E2	154Sm	L
CD38	HIT2	172Yb	T, L
CD45	HI30	Y89	L
CD45RO	UCHL1	165Ho	T, L
CD56	NCAM16.2	163Dy	L
CD57	HCD57	142Nd	L
CD62L	DREG-56	153Eu	L
CD64	10.1	146Nd	L
CD66b	80H3	152Sm	L
CD8	RPA-T8	162Dy	T, L
CD8	RPA-T8	146Nd	T, L
CD86	IT2.2	150Nd	T, L
FoxP3	259D/C7	162Dy	L
HLA-DR	L243	174Yb	L

### 8x Metal Labeling kit

141Pr  
144Nd  
150Nd  
154Sm  
161Dy  
166Er  
168Er  
173Yb  
175Lu  
176Yb

**Price:** **1.000,- / metal conjugation**

### Paladium

Pd102  
Pd104  
Pd105  
Pd106  
Pd108  
Pd110

**In-house made Paladium 20-plex Barcoding kit (Setup adapted from Fluidigm)**

For staining of up to 3 mill PBMCs

**Price:** **1.000,- / 20 plex**

### Cisplatin

1 mM solution of Cisplatin Pt-195 in DMSO  
1 mM solution of Cisplatin Pt-196 in DMSO

**Price:** **20,- /  $\mu$ l**  
**1.500,- / 100 $\mu$ l**