

Supplemental Figures

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Table S1. CyTOF antibodies.

Antigen	Clone	Metal conjugate	Manufacturer	Conjugation
CD62L	DREG-56	141Pr	Biologend	In-house
CD11a	HI111	142Nd	DVS	DVS
CD123	6H6	143Nd	DVS	DVS
CD80	2D10.4	144Nd	Biologend	In-house
CD81	5A6	145Nd	DVS	DVS
CD64	10.1	146Nd	DVS	DVS
CD91	A2MR-a2	147Sm	eBioscience	In-house
CD300e	UP-H2	148Nd	Abcam	In-house
CD66a-c-e	ASL-32	149Sm	DVS	DVS
CD43	84-3C1	150Nd	DVS	DVS
EDG-8	282503	151Eu	R&D	In-house
CD19	HB19	152Sm	Biologend	In-house
CD3	UCHT1	152Sm	Biologend	In-house
CD66b	80H3	152Sm	DVS	DVS
CD192	K036C2	153Eu	DVS	DVS
CD163	GHI/61	154Sm	DVS	DVS
CD36	5-271	155Gd	DVS	DVS
CD86	IT2.2	156Gd	DVS	DVS
HLA-DR	L234	158Gd	Biologend	In-house
CD11c	Bu15	159Tb	DVS	DVS
CD14	M5E2	160Gd	DVS	DVS
CD204	-	161Dy	AbD Serotec	In-house
CD93	R139	163Dy	eBioscience	In-house
CD169	7-239	164Dy	AbD Serotec	In-house
CD16	3G8	165Ho	DVS	DVS
CD74	LN2	166Er	Biologend	In-house
CX3CR1	2A9-1	167Er	Biologend	In-house
CD244	C1.7	168Er	Biologend	In-house
TLR4	HTA125	169Tm	Biologend	In-house
Tim-3	F38-2E2	170Er	Biologend	In-house
CD9	SN4 C3-3A2	171Yb	DVS	DVS
CD354	TREM-26	172Yb	DVS	DVS
CD40	5C3	173Yb	Biologend	In-house
CD274	29E.2A3	175Lu	DVS	DVS
CD1c	L161	176Yb	Biologend	In-house
CD61	VI-PL2	209Bi	DVS	DVS

Table S1. Antibodies and heavy metal conjugates used in CyTOF study

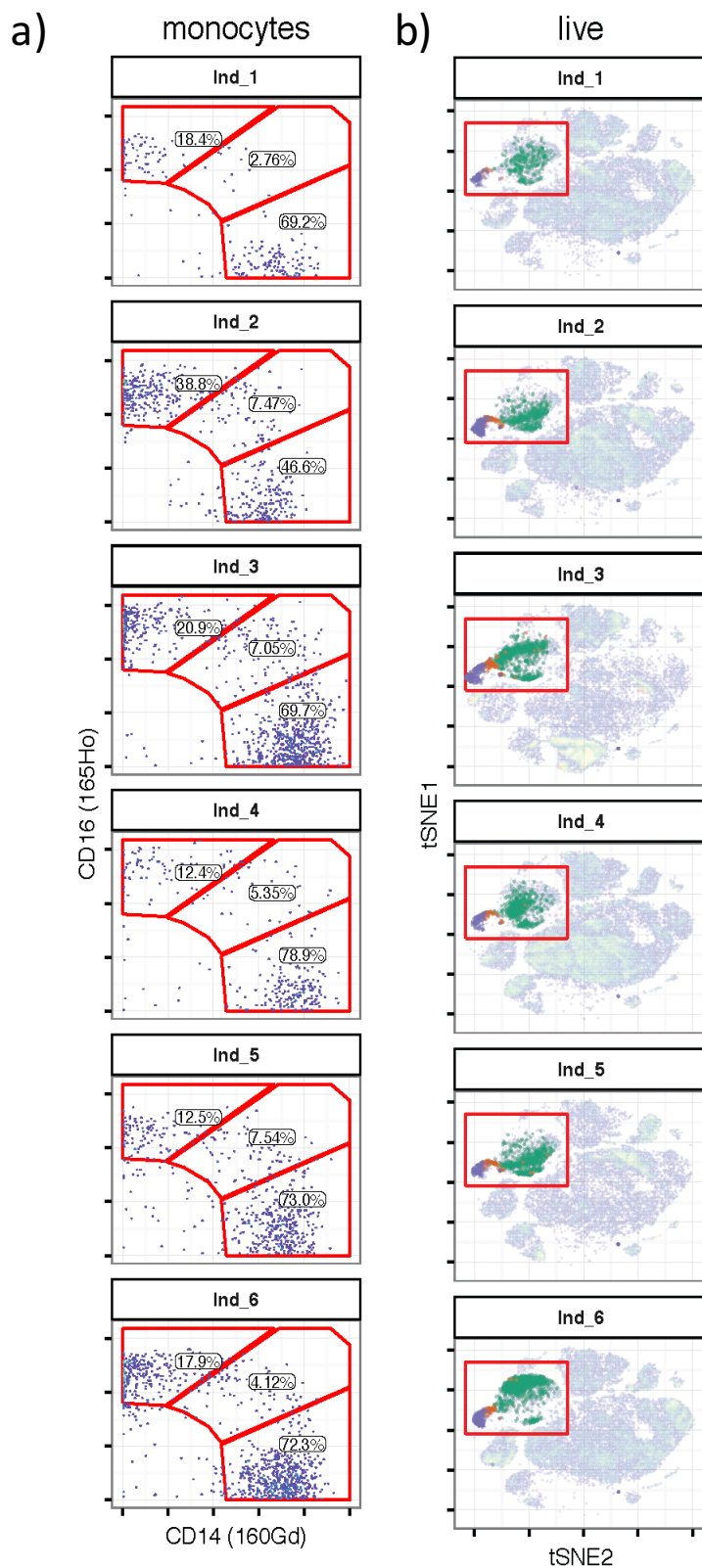


Figure S1. a) Monocyte subset frequencies in each individual used for CyTOF analysis. b) viSNE overlay showing the location of classical (green), intermediate (orange) and nonclassical (blue) monocytes superimposed on all PBMCs.

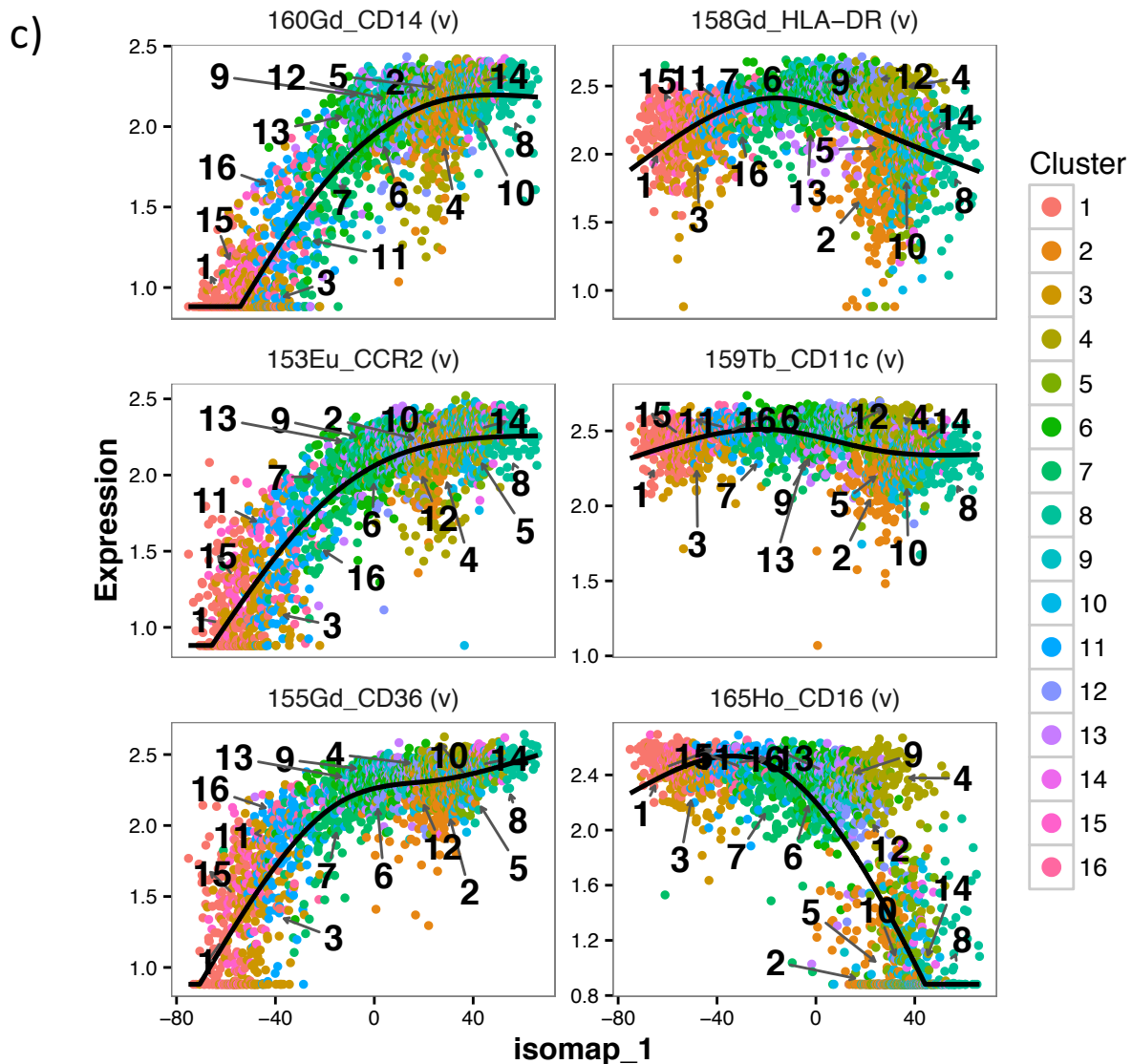
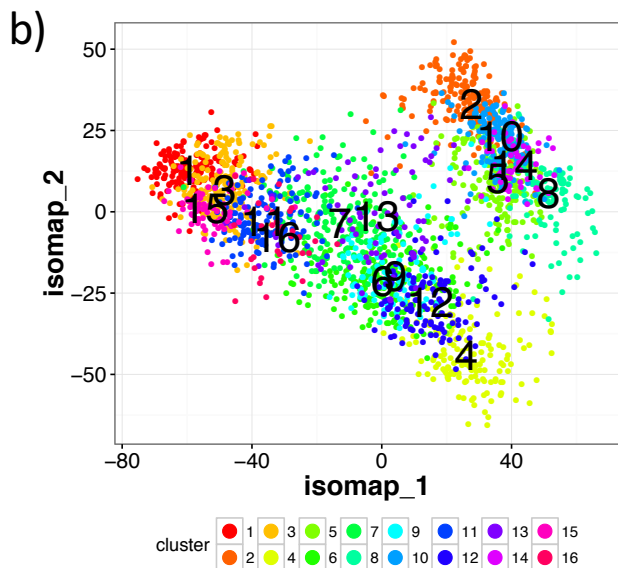
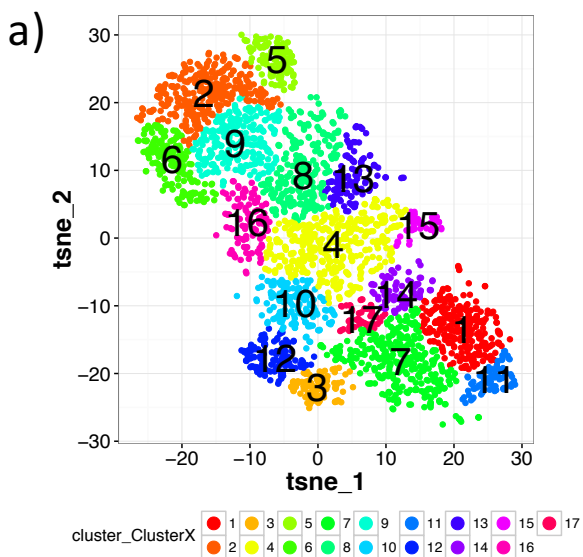
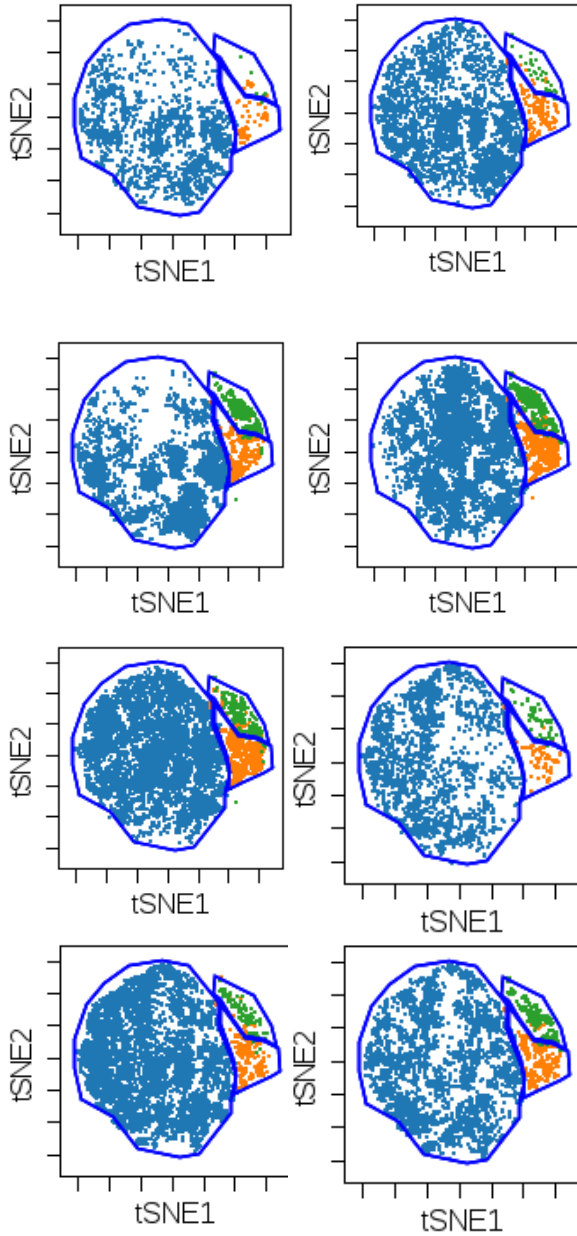


Figure S2 a) ClusterX partitioning of the monocyte viSNE analysis in Figure 2a. b) Isometric mapping (ISOMAP) analysis of ClusterX . c) Expression pattern of most informative cell surface markers plotted against ISOMAP axis 1 showing the positions of the ClusterX clusters.

CAD low



CAD high

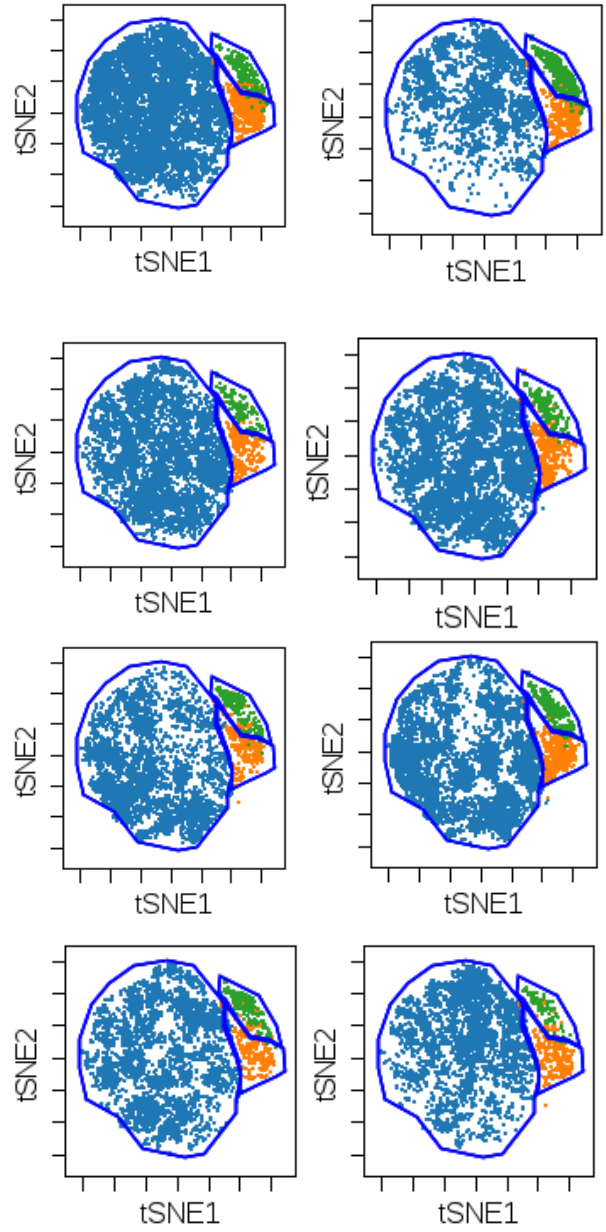


Figure S3. Classical (blue), intermediate (orange) and nonclassical (green) monocyte subsets in CAD low and CAD high individuals displayed on a viSNE analysis of all monocytes.

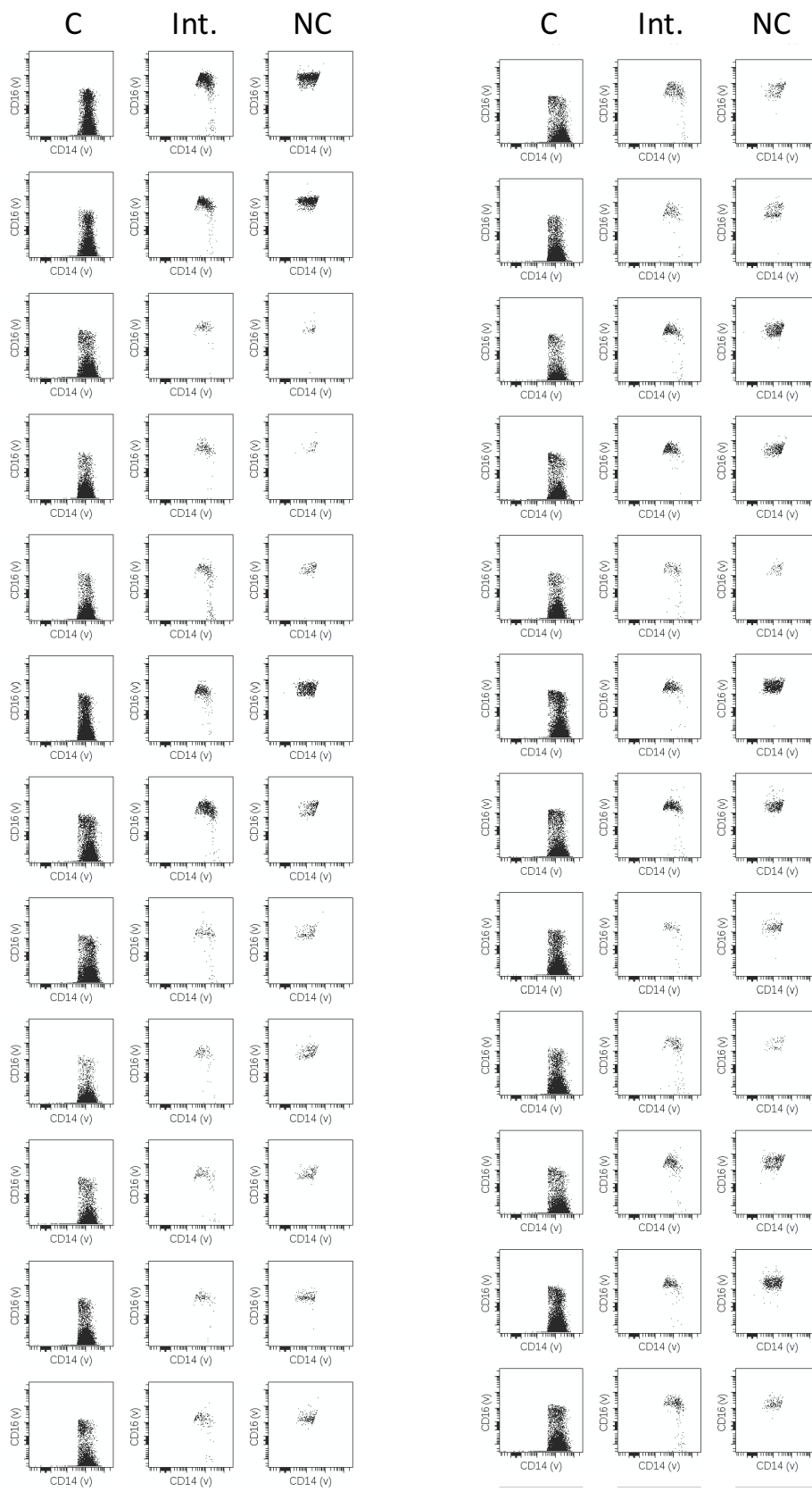


Figure S4. CD16 expression on Classical (left, C), intermediate (center, Int.) and nonclassical (right, NC) monocyte subsets defined by viSNE from CAD samples shown on CD14 vs CD16 biaxial plot.