Supplementary Table 5. Comparison of genes expressed highly in proposed human B1 B-cell by mouse B1 B cells

Genes expressed >2.0 fold by proposed human B1 B cells when compared to naïve, memory and plasma B cells [a]	Fold change (proposed human B1 B cells vs. human naïve, memory and plasma B cells)[b]	Expression higher in mouse B1 B cells when compared to the other populations[c]	*P* value (expression level in mouse B1 B cells vs. other populations)	*P* value (expression level in mouse plasma cells vs. other populations)
ADAM23	3.0	not expressed	-	not expressed
ANXA4	2.2	no	n.s.	0.006
ARHGAP31	2.1	no	n.s.	0.0004
BMP3	3.3	no	n.s.	n.s.
CCR1	2.1	2.8	0.025.	0.0004
CD226	2.4	not expressed	-	0.0005
CD5	2.5	2.8	2.9×10^{-5}	n.s.
CD96	2.1	not expressed	-	n.s.
CHAD	2.5	no	n.s.	not expressed
DNAHC8	2.4	no	n.s.	n.s.
GSN	2.3	no	n.s.	0.04
ITGAM	2.1	no	n.s.	1×10^{-7}
ITGAX	2.9	not expressed	-	0.006
PYHIN1	2.0	no	n.s.	0.04
RASSF1	2.1	no	n.s.	not expressed
SLC16A10	3.1	not expressed	-	n.s.
SYT11	2.9	2.0	0.0009	not expressed
TGM2	2.5	no	n.s.	0.01
TNFRSF1B	2.1	no	n.s.	1×10^{-7}
TNFRSF21	2.1	no	n.s.	6×10^{-6}
UTS2D	2.2	not expressed	-	not expressed
WASF1	2.3	not expressed	-	not expressed

[a], These data were performed on Affymetrix Human Gene 1.0 ST gene expression arrays and the expression of equivalent mouse gene probe sets were compared. Data source, GSE42724 [1]. Data were normalized and genes were identified which were expressed significantly > 2.0 X ($P < 0.05$) in human proposed B1 B cells when compared to naïve, memory and plasma B cells. Gene symbols in bold type indicate those significantly higher in mouse B1 cells.

[b], Fold change in mean gene expression level in proposed human B1 B cells when compared to naïve, memory and plasma B cells.

[c], Fold change significantly >2.0 ($P < 0.05$) in mouse B1 B cells when compared to all the other mouse B cell populations included in this study (Supplementary table 1). “no”, gene

expressed by mouse B1 B cells but at levels which were not significantly different to those in other B-cell populations. n.s., not significant.

1. Covens K, Verbinnen B, Geukens N, Meyts I, Schuit F, Van Lommel L, Jacquemin M, Bossuyt X. Characterization of proposed human B-1 cells reveals pre-plasmablast phenotype. Blood 2013;in press.