

**Table S2. Reduction (%) of mean event concentrations (evt/ $\mu$ l) of P1 and P2 in PBS treated with either 5, 10 or 30min centrifugation (C5, C10 or C30) or filtered (F) or washed filter (WF), compared to evt/ $\mu$ l in PBS labelled with untreated labels (Table 3)**

Treatment	Panel (all fluorophores)	Mean conc. $\pm$ SD (events/ $\mu$ l)	Reduction % (compared to U) $\pm$ SD
C5	P1 specific ( $n=15$ )	31823 $\pm$ 42899	7 $\pm$ 40
	P1 isotype ( $n=15$ )	31922 $\pm$ 46637	13 $\pm$ 49
	P2 specific ( $n=20$ )	31110 $\pm$ 11812	2 $\pm$ 31
	P2 isotype ( $n=20$ )	85901 $\pm$ 71794	-10 $\pm$ 56
C5 total	All ( $n=70$ )	47091 $\pm$ 53701	2 $\pm$ 45
C10	P1 specific ( $n=15$ )	26140 $\pm$ 36152	23 $\pm$ 36
	P1 isotype ( $n=15$ )	34863 $\pm$ 48642	2 $\pm$ 50
	P2 specific ( $n=20$ )	25340 $\pm$ 9858	19 $\pm$ 27
	P2 isotype ( $n=20$ )	68399 $\pm$ 40523	7 $\pm$ 33
C10 total	All ( $n=70$ )	39845 $\pm$ 39594	13 $\pm$ 37
C30	P1 specific ( $n=15$ )	29274 $\pm$ 40968	21 $\pm$ 45
	P1 isotype ( $n=15$ )	17192 $\pm$ 25533	56 $\pm$ 30
	P2 specific ( $n=20$ )	34105 $\pm$ 11232	-11 $\pm$ 40
	P2 isotype ( $n=20$ )	58088 $\pm$ 32226	21 $\pm$ 23
C30	All ( $n=70$ )	36298 $\pm$ 31979	19 $\pm$ 42
F	P1 specific ( $n=15$ )	13648 $\pm$ 18583	44 $\pm$ 20
	P1 isotype ( $n=15$ )	11891 $\pm$ 15854	42 $\pm$ 27
	P2 specific ( $n=20$ )	15524 $\pm$ 6584	48 $\pm$ 27
	P2 isotype ( $n=20$ )	31133 $\pm$ 10417	53 $\pm$ 20
F total	All ( $n=70$ )	18803 $\pm$ 15041	47 $\pm$ 24
WF	P1 specific ( $n=15$ )	13459 $\pm$ 19306	53 $\pm$ 20
	P1 isotype ( $n=15$ )	9989 $\pm$ 13941	60 $\pm$ 24
	P2 specific ( $n=20$ )	14114 $\pm$ 3180	54 $\pm$ 13
	P2 isotype ( $n=20$ )	26162 $\pm$ 10724	61 $\pm$ 17
WF total	All ( $n=70$ )	16532 $\pm$ 13764	57 $\pm$ 18