

Supplementary Figure

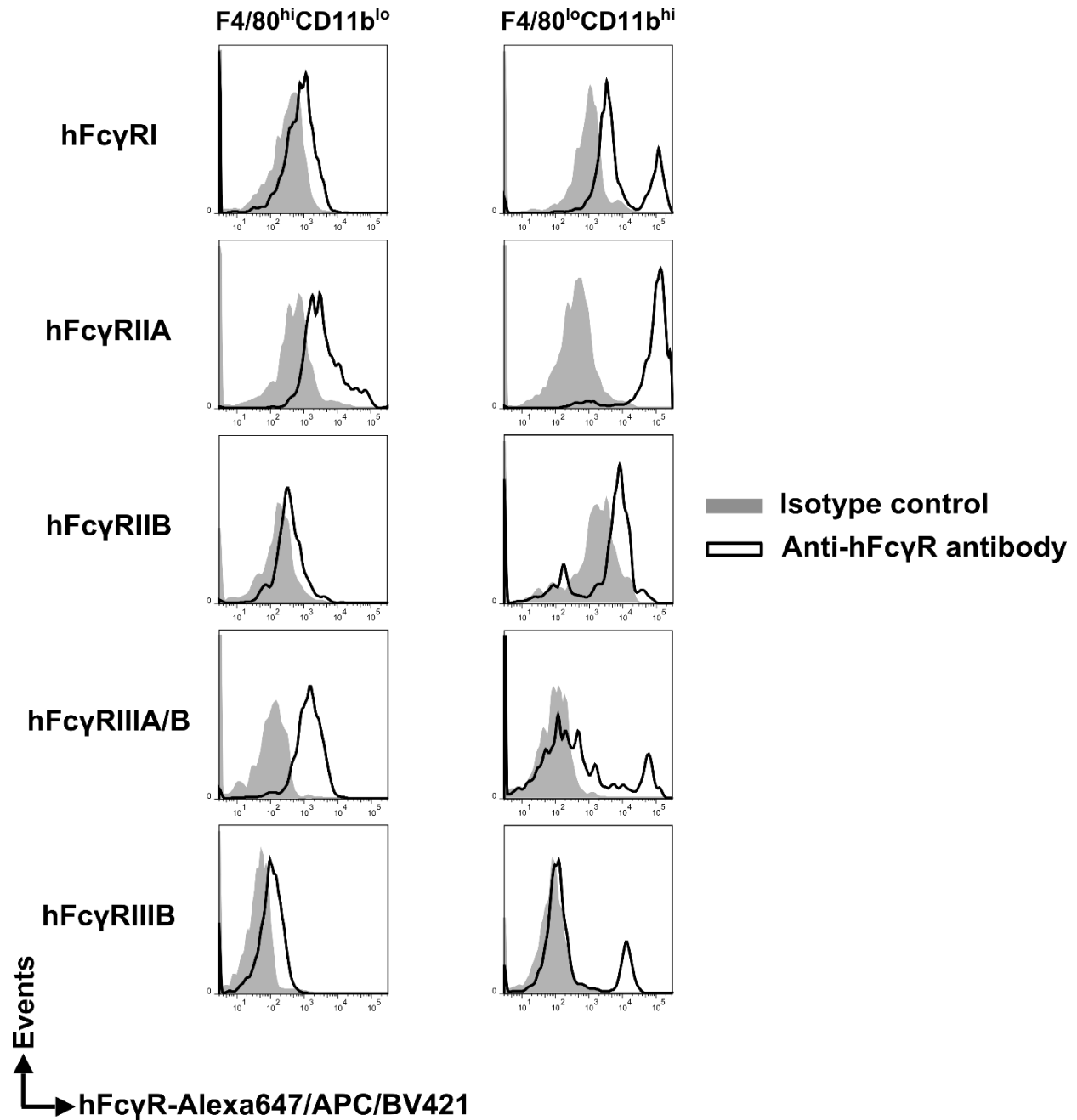


Figure S1. Analyses of expression of human FcγRs on splenic macrophage subpopulations. Splensens were isolated from hFcγR mice and single cell suspensions incubated with antibodies specific for F4/80, CD11b, Ly-6C, hFcγRI, hFcγRIIA, hFcγRIIB,

hFcγRIIIA/B or hFcγRIIIB. Isotype-matched control antibodies were also used. Data shown are representative of at least two independent experiments (n = 2 mice/experiment).

Supplementary Tables

Table 1. Dissociation constants for binding of MOG-specific chimeric antibodies to hMOG and mMOG

Antibody	hMOG K_D (nM)¹	mMOG K_D (nM)¹
c1005	68.5	388.2
c1011	6.4	3.8

¹Equilibrium dissociation constants (K_D s) of the interactions between immobilized MOG and MOG specific antibodies at pH 7.4 determined using surface plasmon resonance (BIAcore)

Table 2. Patient demographics, disease diagnosis and response to plasmapheresis

Patient ID	Sex	Age	Diagnosis ¹	Response to plex ²
MS-1	M	31	RRMS	+
MS-2	M	41	RRMS	++
MS-3	M	23	RRMS	+
MS-4	M	42	RRMS	+
MS-5	F	29	RRMS	+
MS-6	F	44	RRMS	+++
MS-7	F	54	SPMS	+++
MS-8	F	41	RRMS	No plex
MS-9	F	42	RRMS	No plex
MS-10	F	49	RRMS	No plex
HC-1	M	40	Healthy	N.A. ³
HC-2	M	25	Healthy	N.A.

¹RRMS, relapsing-remitting multiple sclerosis; SPMS, secondary progressive multiple sclerosis; ²plex, plasmapheresis; number of + signs indicates the relative improvement in clinical signs in response to plasmapheresis; ³N.A., not applicable.