

Supporting Information

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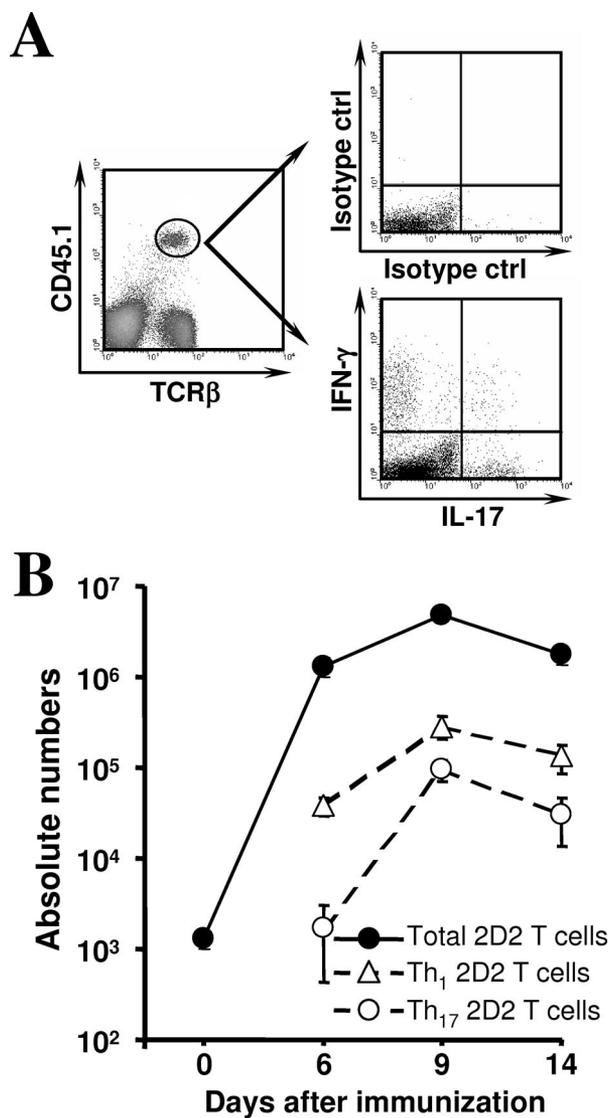


Fig. S1. Kinetics of MOG-specific Th₁ and Th₁₇ cell development in the spleen. C57BL/6 mice received 10⁵ congenic CD62L⁺CD25⁻ 2D2 CD4⁺ T cells and were immunized 24 h later with MOG₃₅₋₅₅ in the presence of pertussis toxin. (A) The intracellular IFN- γ and IL-17 content was assessed on gated congenic 2D2 cells. (B) The number of congenic 2D2, Th₁ 2D2, and Th₁₇ 2D2 cells was determined on the day of immunization (day 0; $n = 6$), and 6 ($n = 4$), 9 ($n = 8$), and 14 ($n = 8$) days after immunization. The number of Th₁₇ 2D2 cells was significantly inferior to Th₁ 2D2 cells at days 6, 9, and 14 after immunization.

Table S1. Clinical severity of EAE

Treatment	Neutralization	<i>n</i>	Incidence, %	Mean day of onset (SEM)	Mean cumulative severity (SEM)	Mortality, %
Vehicle	None	4	100	13 (±0.5)	66 (±32)	25
Vehicle	IL4 + IL10R	4	100	14 (±1.0)	145 (±4)	100
Vehicle	IFN-g	4	75	12 (±1.2)	112 (±37)	75
Vehicle	IFN-g + IL4 + IL10R	3	100	15 (±0.3)*	142 (±4)	100
a-GalCer	None	4	0		0 (±0)	0
a-GalCer	IL4 + IL10R	4	100	14 (±1.6)**	147 (±7)*	100
a-GalCer	IFN-g	4	75	16 (±1.7)*	91 (±33)	50
a-GalCer	IFN-g + IL4 + IL10R	4	75	15 (±2.0)*	107 (±36)	75

Statistical significance was tested by comparing the cytokine-neutralized mice with their respective nonneutralized vehicle or α-GalCer-treated counterpart (*, *P* < 0.05; **, *P* < 0.01).