

Figure S1. Effects of NKT on microglial/neuronal Nrf2 expression in the brains of MPTP-treated mice. (A) IF staining data showing Nrf2 and Iba-1 expression in the SN of MPTP mice ($n = 6-7$, three sections per brain). Representative images are provided in the left panel, and quantification of Nrf2⁺/Iba-1⁺ cells is shown in the right panel. (B) IF staining showing Nrf2 and NeuN expression in the SN of MPTP mice ($n = 6-7$, three sections per brain). Representative images are shown in the left panel, and quantification of Nrf2⁺/NeuN⁺ cells is shown in the right panel. Data are presented as the mean \pm SEM. ** $p < 0.01$ vs. control group; # $p < 0.05$ vs. MPTP-treated group.

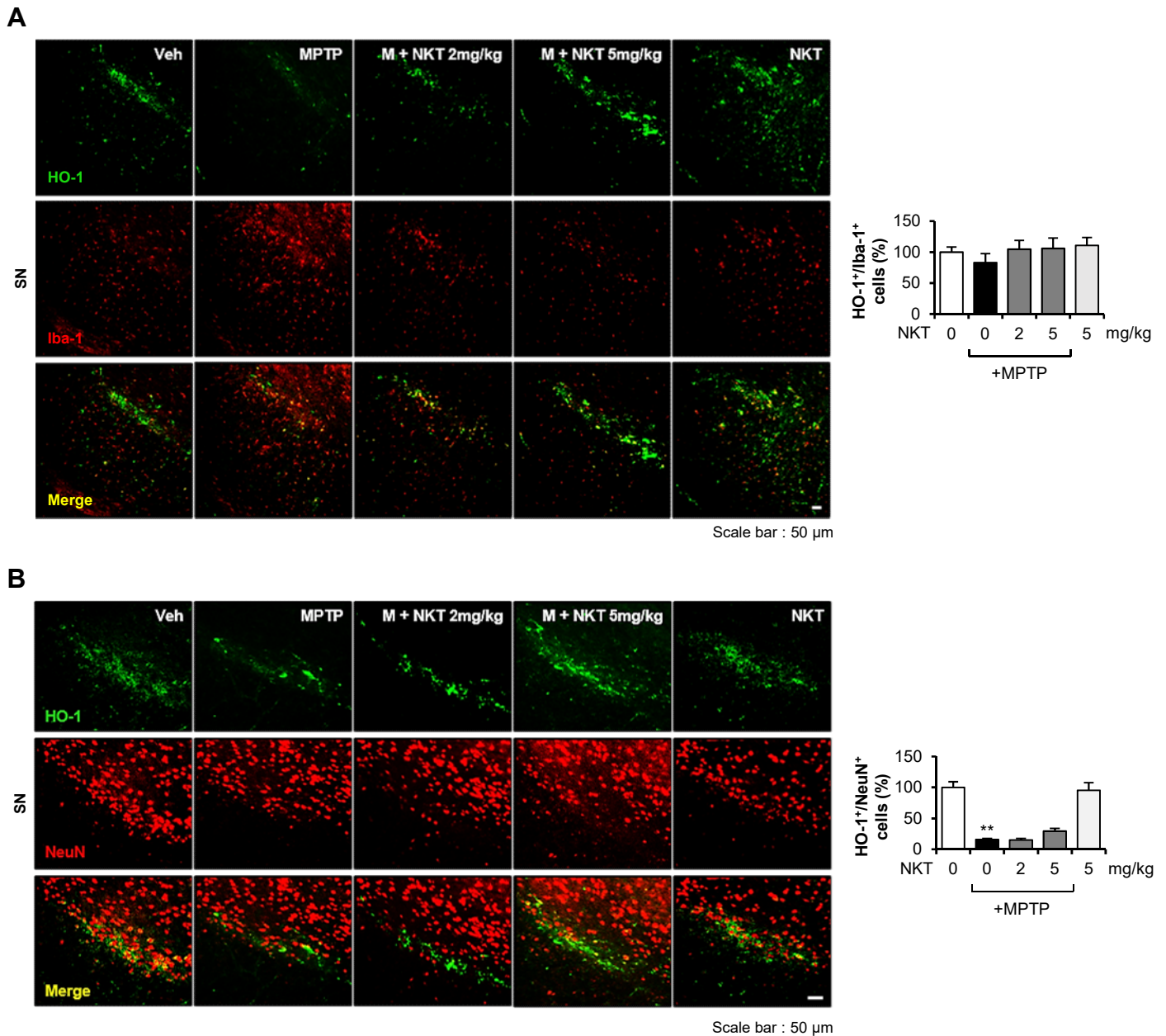


Figure S2. Effects of NKT on microglial/neuronal HO-1 expression in the brains of MPTP-treated mice. (A) IF staining data showing HO-1 and Iba-1 expression in the SN of MPTP-treated mice (n = 6–7, three sections per brain). Representative images are provided in the left panel, and quantification of HO-1⁺/Iba-1⁺ cells is shown in the right panel. (B) IF staining results showing HO-1 and NeuN expression in the SN of MPTP-treated mice (n = 6–7, three sections per brain). Representative images are provided in the left panel, and quantification of HO-1⁺/NeuN⁺ cells is shown in the right panel. Data are presented as the mean \pm SEM. ** p < 0.01 vs. control group.

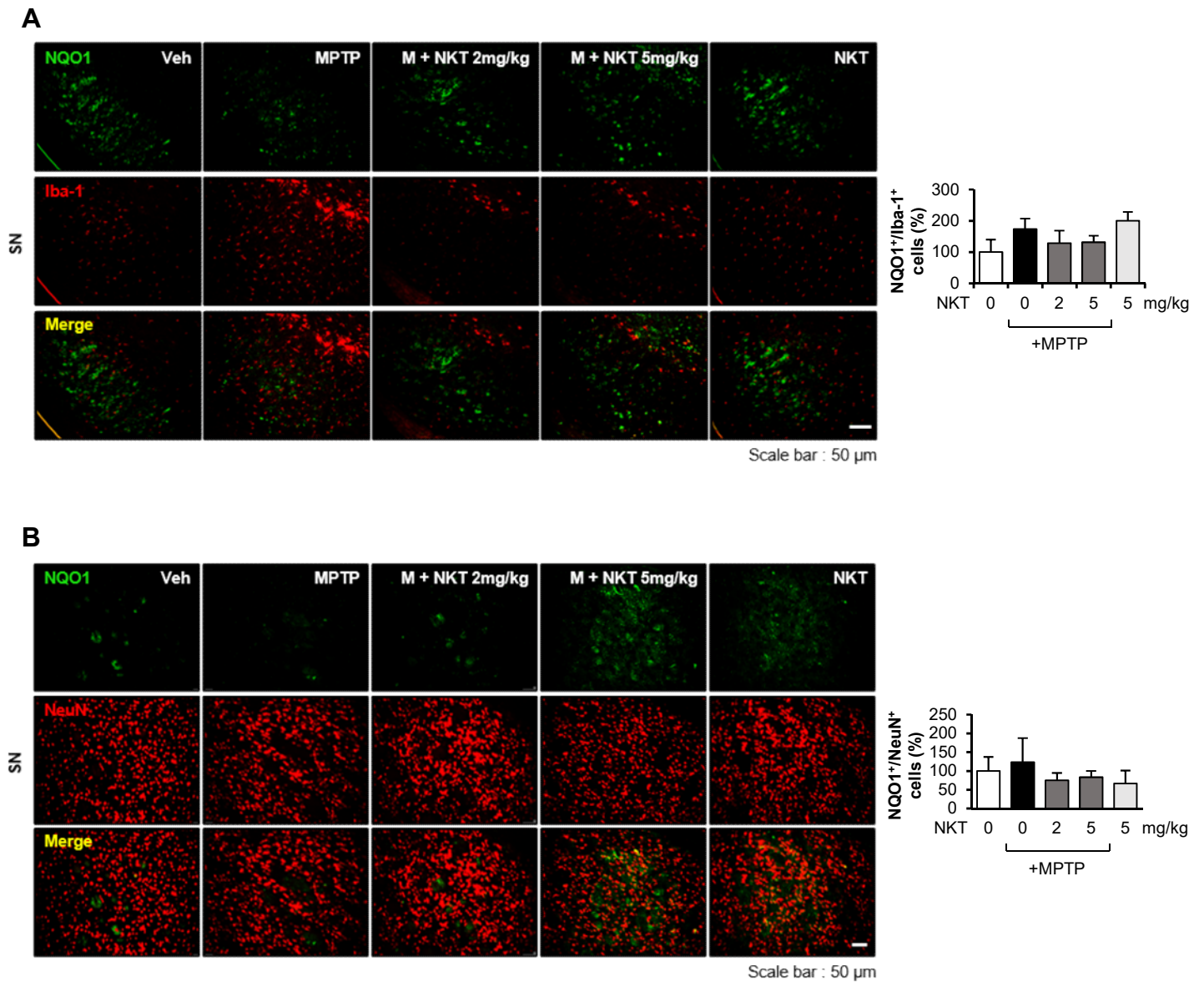


Figure S3. Effects of NKT on microglial/neuronal NQO1 expression in the brains of MPTP-treated mice. (A) IF staining results showing NQO1 and Iba-1 expression in the SN ($n = 6-7$, three sections/brain). Representative images are shown in the left panel, and quantification of NQO1⁺/Iba-1⁺ cells is shown in the right panel. (B) IF staining results showing NQO1 and NeuN expression in the SN of MPTP mice ($n = 6-7$, three sections per brain). Representative images are shown in the left panel, and quantification of NQO1⁺/NeuN⁺ cells is shown in the right panel. Data are presented as the mean \pm SEM.