Supplemental information

*Nt5e* deficiency does not affect post-stroke inflammation and lesion size in a murine ischemia/reperfusion stroke model

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Fig. S1. Original data for quantification of infarct volume, related to Fig. 1
(A) TTC stained brain slices from CD73fl/fl and CD73−/− mice used for stroke size quantification. (B) TTC stained brain slices from C57BL/6J wildtype mice treated with anti-CD73 and isotype control antibody used for stroke size quantification.
Fig. S2. *Nt5e* is not upregulated in cortical microvessels upon tMCAO, related to Fig. 1

mRNA was harvested from microvessels of the ipsi- and contralateral hemispheres of C57BL/6J wildtype mice 1 day after tMCAO. Expression of *Nt5e* and *Tnc* was analyzed by RT-qPCR. Expression of *Nt5e* and *Tnc* in the ipsilateral hemisphere was normalized to *Sdha* expression and presented as mean ± SEM relative to the expression of *Nt5e* and *Tnc* in the contralateral hemisphere which was normalized to 1, n = 4. Unpaired Student's t test, ** p ≤ 0.01, ns = not significant.

Fig. S3. *CD73*<sup>−/−</sup> and *CD73*<sup>−/−</sup> show no significant difference in cytokine/chemokine mRNA expression upon tMCAO, related to Fig. 2

Whole brain mRNA expression levels of *Il1b*, *Tnf*, *Il6* and *Cxcl1* in the brain of sham animals, *CD73*<sup>−/−</sup> and *CD73*<sup>−/−</sup> mice (n = 4/group) 3 days after tMCAO. Data are normalized to *Sdha* expression and presented as mean ± SEM relative to the expression of the transcript in the brain of mice after sham surgery, which was normalized to 1. For comparisons between groups ordinary one-way ANOVA with Tukey’s correction for multiple testing was performed, * p ≤ 0.05, ** p ≤ 0.01, *** p ≤ 0.001, ns = not significant.