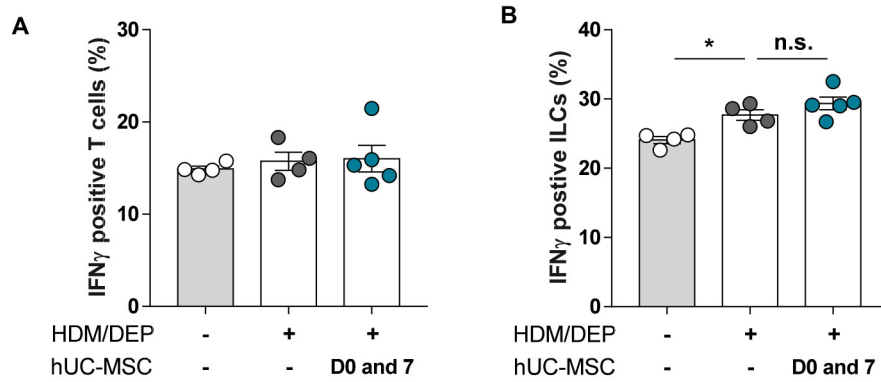


Supplementary Fig. S1. Confirmation of hUC-MSC delivery in an *A. alternata*-induced asthma. MitoTracker Red labeled hUC-MSC were injected intravenously (i.v.) into the asthma-induced mice. (A) Schematic description of the hUC-MSC treatment protocol. 24 h after hUC-MSC instillation, the presence of hUC-MSC was evaluated. i.t., intratracheally. (B) Frequencies of MitoTracker Red positive cells in hUC-MSC transferred lungs. The data are presented as mean \pm SEM. Unpaired two-tailed Student's *t*-test was used for statistical evaluation. **P* < 0.05.



Supplementary Fig. S2. The effect of hUC-MSC on IFN γ producing Th1 cells and ILC1s. The hUC-MSCs were intratracheally treated on days 0 and 7. IFN γ production was evaluated on day 10 as described in Fig. 4. (A and B) IFN γ production of the CD4 T cells (A) and ILCs (B) was examined. The data are expressed as mean \pm SEM. One-way ANOVA with Dunnett's post-hoc test was used for statistical calculation. * P < 0.05; n.s., not significant.