



Supplementary information, Figure S6 CD146 is not required for binding of oxLDL to macrophages. **(A)** Western blot analysis of CD146 and CD36 expression in BMDMs isolated from CD146^{WT} or CD146^{M-KO} mice. GAPDH served as a loading control. Right panel: quantification of relative expression of CD146 and CD36. **(B)** The BMDMs were incubated with oxLDL at 4 °C for 15 min to prevent endocytosis. Flow cytometric analysis of CD36 expression in BMDMs isolated from CD146^{WT} or CD146^{M-KO} mice. **(C)** Flow cytometric analysis of CD36 expression in BMDMs that were treated with mIgG or anti-CD146 AA98 (50 µg/ml). Bottom panel: quantification of the MFI of CD36 in each group (n = 5). **(D)** The BMDMs were incubated with Dil-oxLDL at 4 °C for 15 min to prevent endocytosis. Flow cytometric analysis of the binding of Dil-oxLDL to BMDMs isolated from CD146^{WT} or CD146^{M-KO} mice. **(E)** Flow cytometric analysis of the binding of Dil-oxLDL to BMDMs that were treated with mIgG or anti-CD146 AA98 (50 µg/ml). Bottom panel: quantification of the MFI of Dil-oxLDL in each group (n = 5). The data represent three independent experiments.