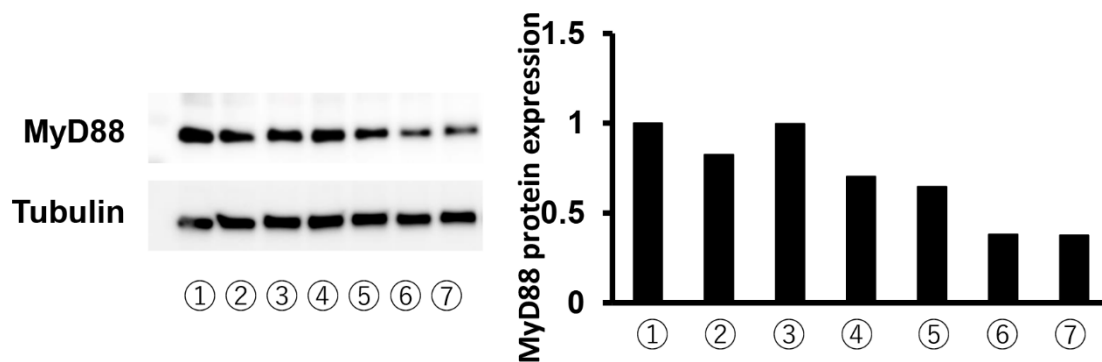


Supplemental Figure S1. Knockdown efficacy of siRNAs of TLR4. For short interfering (si) RNA transfection, HASMCs, after reaching 70-80% confluence, were transfected with siRNAs of TLR4 (Qiagen, Venlo, Netherlands) using HiPerFect (QIAGEN, Venlo, Netherlands).

①:non transfection control, ②:mock transfection control(HiPerFect + DMEM), ③:non-silencing RNA, ④,⑤: siRNAs of TLR4, SI04951149, SI00151011, respectively. We decided to knock down TLR4 using TLR4 siRNA (SI00151011). TLR4 protein expression is suppressed by 49 %.



Supplemental Figure S2. Knockdown efficacy of siRNAs of MyD88. For short interfering (si) RNA transfection, HASMCs, after reaching 70-80% confluence, were transfected with siRNAs of MyD88 (Qiagen, Venlo, Netherlands) using HiPerFect (QIAGEN, Venlo, Netherlands).

①:non transfection control, ②:mock transfection control(HiPerFect + DMEM), ③:non-silencing RNA, ④,⑤,⑥,⑦: siRNAs of MyD88, SI00300909, SI05426057, SI03100902, SI02628661 respectively. We decided to knock down MyD88 using MyD88 siRNA (SI02628661). MyD88 protein expression is suppressed by 61%.