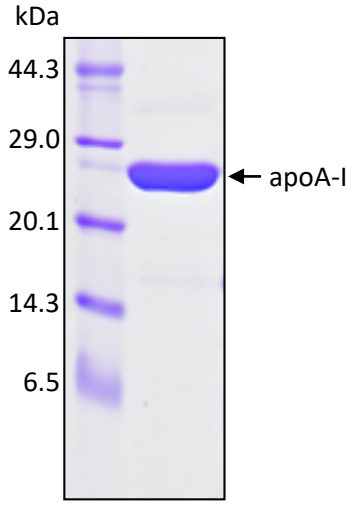
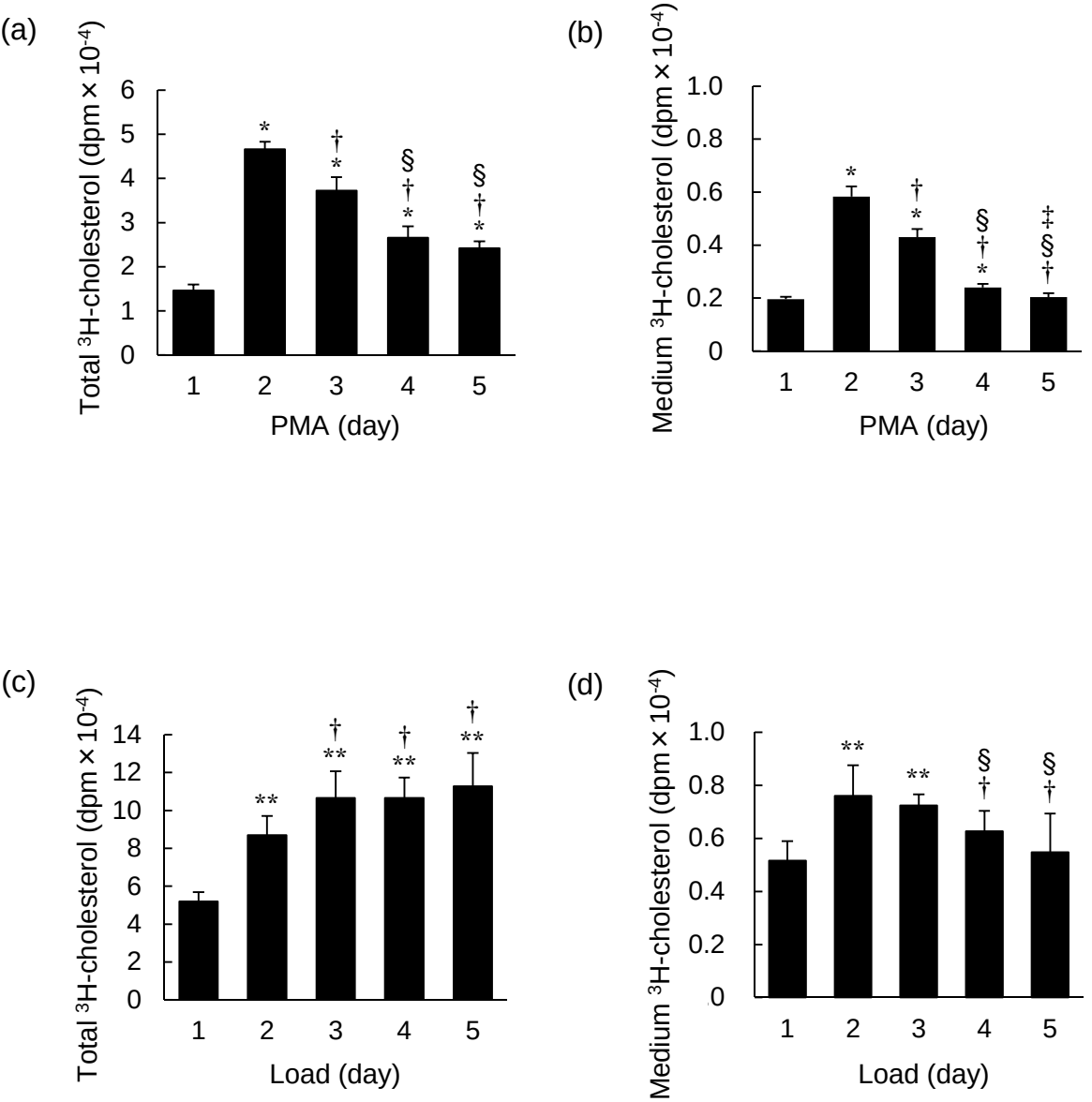
Supplementary Figure 1

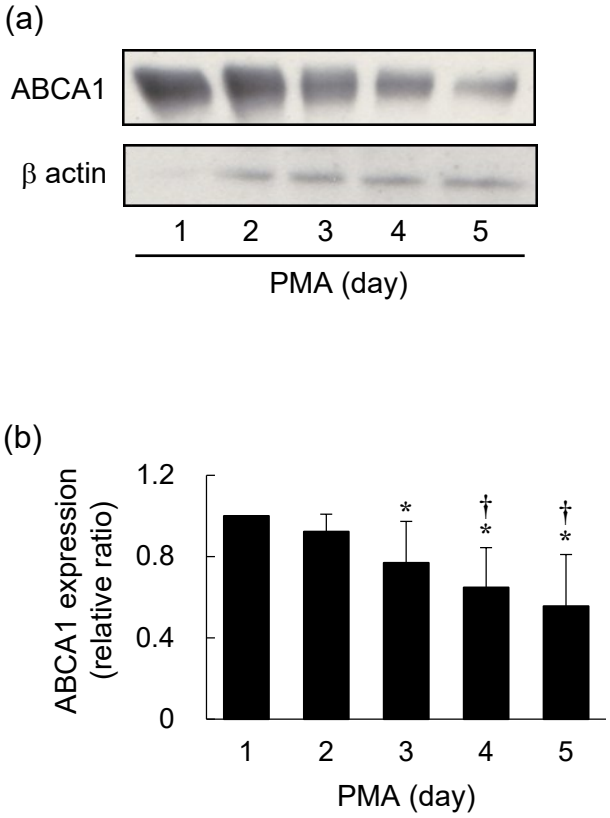


HDL was isolated from serum by ultracentrifugation and delipidated with ethanol/ether. Sample was applied to S-200-HR column and apoA-I fraction was isolated. The fraction was subjected to 12.5% SDS-PAGE (6 μg protein/lane) followed by staining with coomassie brilliant blue (CBB).

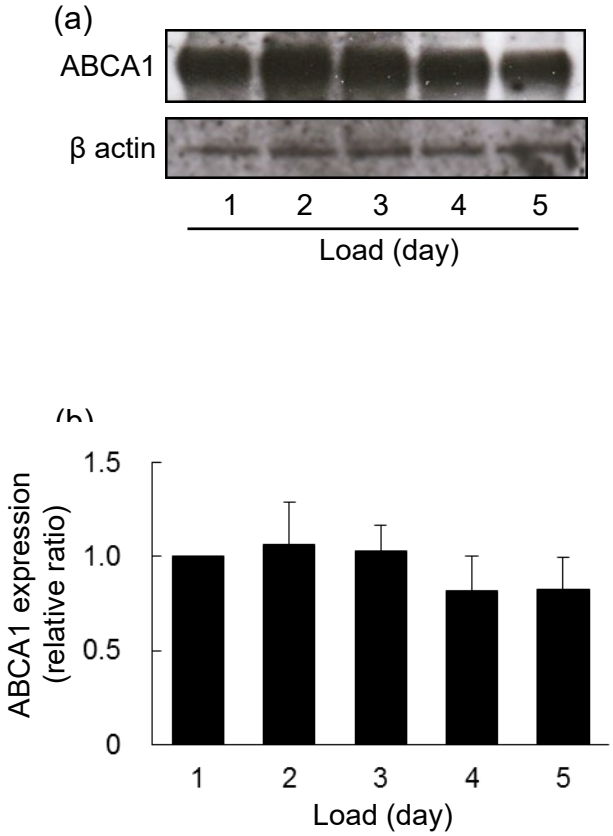


A graph shows the relationship between Total ^{3}H-cholesterol or Medium ^{3}H-cholesterol and period of PMA treatment (a, b) or Load treatment (c, d). The values were indicated by mean+SD (n=3 (a, b) or n = 6 (c, d), $^{*}P < 0.05$ versus day 1, $^{**}P < 0.01$ versus day 1, $^{\dagger}P < 0.05$ versus day 2, $^{\S}P < 0.05$ versus day 3, $^{\ddagger}P < 0.05$ versus day 4).

Supplementary Figure 3



(a) THP-1 cells were treated with 100 ng/mL PMA for 1 to 5 days and loaded with acLDL (50 μg/mL) and T0901317 (1 μmol/L) for 1 day. After equilibration, cells were lysed using RIPA buffer containing protease inhibitors. Then lysates (4 μg/lane) were separated by SDS-PAGE (7% polyacrylamide gel) and detected with ABCA1 or β-actin antibodies. (b) The expression of ABCA1 also shows bar graphs for each day relative to day 1. The values were indicated by mean+SD (n=3 $^{*}P < 0.05$ versus day 1, $^{\dagger}P < 0.05$ versus day 2).



(a) After PMA treatment for 2 days, THP-1 cells were loaded with acLDL (50 μg/mL) and T0901317 (1 μmol/L) for different periods (1 to 5 days). After equilibration, cells were lysed using RIPA buffer containing protease inhibitors. Then lysates (4 μg/lane) were separated by SDS-PAGE (7% polyacrylamide gel) and detected with ABCA1 or β-actin antibodies. (b) The expression of ABCA1 also shows bar graphs for each day relative to day 1. The values were indicated by mean+SD (n=3).