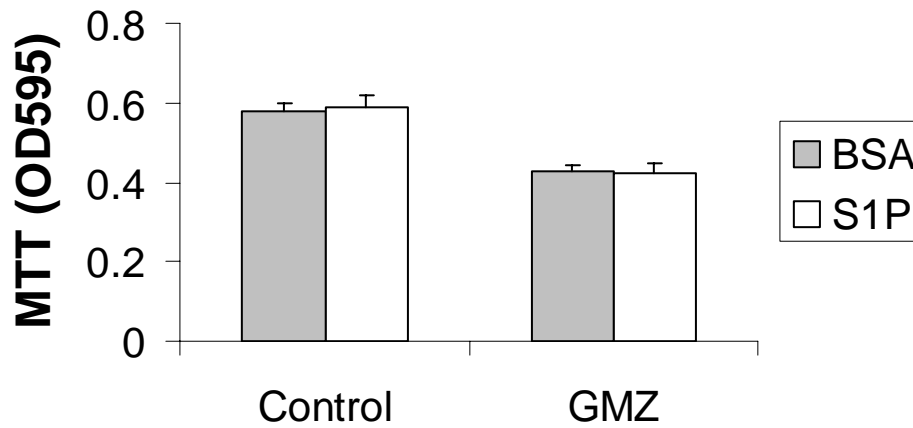


Supplemental figure 1. Specificity of antibody against mouse NCDase. Western blot analysis was performed using equal amount of proteins from primary hepatocytes isolated from wildtype and NCDase knockout mice. Multiple bands have been observed between about 95 kDa to 135 kD in the wildtype cells (left lane), while no specific band (right lane) was observed in this range from the NCDase knockout hepatocytes, demonstrating the specificity of the anti-NCDase antibody.



Supplemental figure 2. S1P effects on GMZ effects in H. end. cells. The effects of S1P on GMZ response were determined by the MTT assay. The cells were first treated with 0.1% BSA or 1 μ M S1P in the absence (control) or presence of 0.6 μ M GMZ for 12 hours and then subjected to MTT assays. No significant effect was observed on GMZ effects by comparing BSA and S1P treatment. The values are expressed as the mean \pm SD (n=3).