

Animal care and use statement

The protocol used in the current study was designed to minimize pain and discomfort to the animals and was approved by the Institutional Animal Care and Use Committee of Showa University. The mice had access to water and food *ad libitum* and were housed in SPF conditions with alternating light-dark cycles for one week prior to experimentation. Intra-gastric gavage was performed using straight gavage needles appropriate for each animal's size. All animals were euthanized using CO₂ prior to tissue collection.

Signature Datoshi Ino date 2016.1.18