



LPS

LPS

LPS

LPS

Toll-like Receptor

TLR4 MD-2 LPS
LPS MD-2
TLR4/MD-2

LPS

LPS MTS510 Sa15-21
Sa15-21 LPS D-

TLR4 C TLR4
MTS510 N

TLR4/MD-2 C4b-binding
protein C4BP TLR4 TLR LPS
TLR4
TLR4/MD-2
TLR4/MD-2
TLR4/MD-2
TLR LPS