
Abbreviations

°C	--- degree centigrade
µg	--- microgram
µM	--- micromolar
AP-1	--- activator protein-1
APCs	--- antigen presenting cells
BCA	--- bicinchoninic acid
BSA	--- bovine serum albumin
CTLs	--- cytotoxic T lymphocytes
DCs	--- dendritic cells
DMF	--- dimethylformamide
DNA	--- deoxyribonucleic acid
DTT	--- dithiothreitol
<i>E. coli</i>	--- <i>Escherichia coli</i>
Ecolihsp60	--- <i>Escherichia coli</i> heat shock protein 60
EDTA	--- ethylene diamine tetraacetic acid
EIA	--- enzyme immunoassay
EMSA	--- electrophoretic mobility shift assay
ERK	--- extracellular signal regulated kinase
FACS	--- fluorescence-activated cell sorting
FBS	--- fetal bovine serum
FITC	--- fluorescein isothiocyanate
H ₂ O ₂	--- hydrogen peroxide
HRP	--- horseradish peroxidase
Hsps	--- heat shock proteins
IFN-γ	--- interferon-gamma
IgG	--- immunoglobulin G
IκB	--- inhibitor of kappa B
IKK	--- IκB kinase
IL	--- interleukin
IPTG	--- isopropyl β-D-1-thiogalactopyranoside
IRF	--- interferon regulatory factor
JNK	--- c-Jun N-terminal kinase
kDa	--- kilodaltons
KO	--- knock-out
LPS	--- lipopolysaccharide
LRR	--- leucine-rich repeat
mAb	--- monoclonal antibody
MAPK	--- mitogen activated protein kinase
MDC	--- monodansylcadaverine
mg	--- milligram
MHC	--- major histocompatibility complex
ml	--- millilitre
mM	--- millimolar

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MTT	--- 3-(4, 5-dimethyl thiazol-2-yl)-2, 5-diphenyl tetrazolium bromide
<i>M. tuberculosis</i>	--- <i>Mycobacterium tuberculosis</i>
Mtbhsp60	--- <i>Mycobacterium tuberculosis</i> heat shock protein 60
MyD88	--- myeloid differentiation factor 88
NF- κ B	--- nuclear factor kappa B
Ni-NTA	--- Ni-nitrilotriacetic acid
NK cells	--- natural killer cells
OD	--- optical density
OPD	--- o-phenylenediamine tetrahydrochloride
PAMPs	--- pathogen associated molecular patterns
PBMC	--- peripheral blood mononuclear cell
PBS	--- phosphate buffer saline
PDTC	--- pyrrolidine dithiocarbamate
PECs	--- peritoneal exudate cells
PE_PGRS	--- proline-glutamic acid_polymorphic guanine-cytosine-rich sequence
PMA	--- phorbol 12-myristate 13-acetate
PMSF	--- phenyl methyl sulphonyl fluoride
PPD	--- purified protein derivative
PPE	--- proline-proline-glutamic acid
PRRs	--- pattern recognition receptors
RNA	--- ribonucleic acid
ROS	--- reactive oxygen species
rpm	--- rotations per minute
RT-PCR	--- reverse transcription polymerase chain reaction
SD	--- standard deviation
SDS-PAGE	--- sodium dodecyl sulphate polyacrylamide gel electrophoresis
siRNA	--- small interfering RNA
TB	--- tuberculosis
TBS	--- Tris buffer saline
TCRs	--- T cell receptors
TGF- β	--- transforming growth factor beta
Th	--- T helper
TLR	--- toll like receptor
TNF- α	--- tumor necrosis factor alpha
Treg cell	--- regulatory T cell
