

LIST OF ABBREVIATIONS

Abbreviation or symptom	Term
Ab(s)	Antibody(-ies)
ABTS	2,2-azino-di(3-ethylbenzthiazoline) sulfonic acid
AC	Adenylate cyclase
ACV	Acellular vaccine
ADP	Adenosine diphosphate
AGGs	Agglutinogens
BCIT/NBT	Nitro blue tetrazolium/5-bromo-4-chloro-3-indolyl phosphate
BG	Bordet-Gengou agar
BSA	Bovine serum albumin
cAMP	Cyclic adenosine monophosphate
CBB	Coomassie Brilliant Blue stain(ing)
CCD	CHO-clustering dose
CCI	CHO clustering inhibition
cDNA	Complementary deoxyribonucleic acid
CDR(s)	Complementarity determining region(s)
CEA	Carcinoembryonic antigen
CHO	Chinese hamster ovarian cell(s)
CR3	Complement receptors 3
DNA	Deoxyribonucleic acid
dNTP	Deoxynucleoside triphosphate
dsDNA	Double-stranded DNA
DTT	Dithiothreitol
EDTA	Ethylenediaminetetraacetic acid
EF	Elongation factor
ELISA	Enzyme-linked immunosorbent assay
Fab	Antigen-binding fragment
FACS	Fluorescence-activated cell sorter

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symptom	Term
FBS	Fetal bovine serum
Fc	Fragment crystallizable
FHA	Filamentous hemagglutinin
FR(s)	Framework(s)
g	Gram(s)
GDP	Guanosine diphosphate
Gi	Inhibitory guanosine binding protein
Gs	Stimulatory guanosine binding protein
GTP	Guanosine triphosphate
h	Hour(s)
H ₂ O ₂	Hydrogen peroxide
HAMA	Human anti-mouse (murine) antibody
HD	Hemagglutination dose
HFS	Histamine-sensitizing factor
HI	hemagglutination inhibition
HRP	Horseradish peroxidase
HuScFv/ <i>huscFv</i>	Humanized single-chain variable-region antibody fragment protein/DNA
IA	Islet-activation
IAP	Islet-activating protein
Ig	Immunoglobulin(s)
IgG	Immunoglobulin G
IPTG	Isopropyl β-D-1-thiogalactopyranoside
kDa	Kilodalton(s)
L/l	Liter(s)
LP	Leukocytosis-promotion
LPF	Leukocytosis-promoting factor
MAb(s)	Monoclonal antibody(-ies)

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symptom	Term
mAmp	Mili-Ampere(s)
mg	Miligram(s)
min	Minute(s)
ml	Milliliter(s)
<i>Mr</i>	Rlative molecular mass(masses)
mRNA	Massenger ribonucleic acid
NAD	Nicotinamide adenine dinucleotide
NC	Nitrocellulose
°C	Degrees Celsius (centigrade)
PBS	Phosphate buffered saline
PBST	Phosphate-buffered saline containing 0.05% Tween-20
PCR	Polymerase chain reaction
PEG	Polyethylene glycol
pfu	Plaque-forming units
P-IGIV	High-titer pertussis immunoglobulin for intravenous administration
pIII	Protein three of M13 phage
PT	Pertussis toxin
pVI	Protein six of M13 phage
pVII	Protein seven of M13 phage
pVIII	Protein eight of M13 phage
RBC(s)	Red blood cell(s)
RF	Replicative form
RNA	Ribonucleic acid
ScFv/ <i>scFv</i>	single chain variable fragment protein/DNA
SDS	Sodium dodecyl sulfate
SDS-PAGE	Sodium dodecyl sulphate polyacrylamide gel electrophoresis

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symptom	Term
sec	Second(s)
ssDNA	Single stranded DNA
T _m	Melting temperature
TUP	Target-unrelated peptides
USA	United States of America
VH/VH	Variable region of antibody heavy-chain protein/DNA
VL/VL	Variable region of antibody light-chain protein/DNA
WBC	White blood cell(s)
WCV	Whole cell vaccine
X-Gal	5-bromo-4-chloro-3-indolyl-β-D-galactoside
μg	Microgram(s)
μl	Microliter(s)
μm	Micrometer(s)

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