

## 7. ABBREVIATIONS

A	ampere
7-AAD	7-aminoactinomycine D
ACK	ammoniumchloride/potassiumcarbonate-buffer
AMP	adenosine monophosphate
APC	antigen-presenting cell
APS	ammoniumpersulfat
BSA	bovine serum albumin
cAMP	cyclic AMP
°C	degrees Celsius
CD	cluster of differentiation
Ci	Curie(s)
cpm	counts per minute
Cy-2 (Cy-3)	Carbocyanin 2, (Carbocyanin 3)
D	dalton
d	day
DMSO	dimethylsulfoxide
DNA	deoxyribonucleic acid
DTT	dithiothreitol
EDTA	ethylenediaminetetraacetic acid
ELISA	enzyme-linked immunosorbent assay
FACS	registered trademark of Becton Dickinson and Company for a fluorescence-activated cell sorter
F-actin	filamentous actin
FCS	fetal calf serum
FITC	fluorescein isothiocyanate
g	gram
g	unit of gravity
G-actin	globular actin
GTP	guanosine triphosphate
h	hour
HEPES	N-2-hydroxyethylpiperazine-N«-2-ethane sulfonic acid
HPLC	high performance liquid chromatography
IEF	isoelectric focusing
Ig	immunoglobulin

IL	interleukin
k	kilo
l	liter
	mikro
m	milli
M	molar
mAb	monoclonal antibody
MHC	major histocompatibility complex
MW	molecular weight
NEPHGE	nonequilibrium pH gradient electrophoresis
OD	optical density
PAGE	polyacrylamide gel electrophoresis
PBL	peripheral blood lymphocytes
PBS	phosphate-buffered saline
PBT	peripheral blood T lymphocytes
PHA	phytohemagglutinine
PI	propidium iodide
PI3-kinase	phosphatidylinositol 3-kinase
PMA	phorbol myristate acetate
PtdIns(4,5)P <sub>2</sub>	phosphatidylinositol 4, 5-bisphosphate
rpm	revolutions per minute
s	seconds
SDS	sodium dodecyl sulfate
TBS	Tris-buffered saline
TCR	T cell receptor
TdT	terminal deoxynucleotidyl transferase
TUNEL	Tdt-mediated dUTP nick end labeling
TEMED	Tetraethylendiamine
Tris	tris (hydroxymethyl) aminomethane
U	unit
UTP	uridine triphosphate
V	volt
vol	volume
v/v	volume per volume
w/v	weight per volume