

Abbreviations

Ab	Antibody
Amp	Ampicillin
BSA	Bovine serum albumin
cDNA	Complementary deoxyribonucleic acid
CDRs	Complementarity-determining regions
cIgG	Chimeric IgG
DAPI	4'-6-Diamidino-2-phenylindole
ELISA	Enzyme linked immunosorbent assay
Fab	Antigen binding fragment
Fuc α	α -L-fucose
GalNAc β	N-acetyl-galactosamine
Gal β	β -D-galactose
GlcNAc β	N-acetyl-glucosamine
HAMA	Human anti-mouse antibody
huIgG	Humanised IgG
IgG, -A, -M	Immunoglobulin G, -A, -M
Kana	Kanamycin
KLH	Keyhole limpet hemocyanin
K _{obs}	Function affinity
mRNA	Messenger ribonucleic acid
NMR	Nuclear magnetic resonance
NOE	Nuclear Overhauser Effect
PAA	Polyacrylamide
PCR	Polymerase chain reaction
POD	Peroxidase
RSD	Recombined single domain
scFv	Single chain fragment variable
SDS	Sodium dodecyl sulphate
SDS-PAGE	SDS-polyacrylamide gel electrophoresis
SLE	Systemic lupus erythematosus
SPR	Surface plasmon resonance
STD	Saturation transfer difference
TACA	Tumor-associated-carbohydrate antigen
TES	Tris-EDTA-sucrose
TF	Thomsen-Friedenreich
trNOE	Transferred Nuclear Overhauser Effect
VH	Variable heavy chain
VL	Variable light chain