

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-29) OMODENBAMAB

PRONUNCIATION oh" moe den' ba mab

THERAPEUTIC CLAIM Treatment of *Staphylococcus a.* infection

CHEMICAL NAME

1. Immunoglobulin G3, anti-(Staphylococcal protein A) (human monoclonal 514G3 γ 3-chain), disulfide with human monoclonal 514G3 κ -chain, dimer

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFS	TYGMSWVRQA	PGKGLEWVSS	50
ITGSGRSTFY	ADSVKGRFTI	SRDNSTNTLS	LQMNSLRAED	TAVYYCARSP	100
ADIVTGYYPW	WFDLWGQGTL	VTVSSASTKG	PSVFLAPCS	RSTSGGTAAL	150
GCLVKDYFPE	PVTVSWNSGA	LTSGVHTFPA	VLQSSGLYSL	SSVTVPSSS	200
LGTQTYTCNV	NHKPSNTKVD	KRVELKTPLG	DTTHTCPRCP	EPKSCDTPPP	250
CPRCPEPKSC	DTPPP CPRCP	EPKSCDTPPP	CPRCPAPELL	GGPSVFLFPP	300
KPKDTLMISR	TPEVTCVVVD	VSHEDPEVQF	KWYVDGVEVH	NAKTKPREEQ	350
YNSTFRVVS	LTVLHQDWLN	GKEYKCKVSN	KALPAPIEKT	ISKTKGQPRE	400
PQVYTLPPSR	EEMTKNQVSL	TCLVKGFYPS	DIAVEWESSG	QPENNYNTP	450
PMLDSDGSFF	LYSKLTVDKS	RWQQGNIFSC	SVMHEALHNR	FTQKSLSLSP	454
GK					502

Light chain

DIQMTQSPSS	LSASIGDRVT	ITCRASQSIN	TYLNWYQQKP	GKAPRLLIAG	50'
ASSLQSGVPS	RFSGSGSGTD	FTLTISSLQP	EDFATYYCQQ	ANSFPLTFGQ	100'
GTRLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22''-96''	23'-88'	23'''-88'''	134'-194'	134'''-194'''	139-214'	139''-214'''
152-208	152''-208''	236-236''	239'239''	245-245''	251-251''	254-254''	260-260''
266-266''	269-269''	275-275''	281-281''	284-284''	316-376	316''-376''	422-480
422''-480''							

Glycosylation sites (N)

352	352''
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MOLECULAR FORMULA $C_{6882}H_{10662}N_{1860}O_{2160}S_{64}$ (peptide only)

MOLECULAR WEIGHT 156.1 kDa

TRADEMARK None as yet

SPONSOR XBiotech USA Inc.

CODE DESIGNATIONS 514G3

CAS REGISTRY NUMBER 2241724-48-9

UNII 3PV0P81X8Q

WHO NUMBER 11341

gbk