

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-164)

LIRILUMAB

PRONUNCIATION

lir il' ue mab

THERAPEUTIC CLAIM

Solid and hematological cancers

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human antigen receptor KIR (killer cell immunoglobulin-like)) (human monoclonal anti-KIR(CHO) heavy chain), disulfide with human monoclonal anti-KIR(CHO) light chain, dimer
2. Immunoglobulin G4, anti-(human killer cell immunoglobulin-like receptor 2DL4 (G9P, KIR-103AS, CD158d)); human monoclonal des-450-L-lysine(CH₃¹⁰⁷-K>-)-[1-L-pyroglutamic acid]_γ4 heavy chain (137-214')-disulfide with human monoclonal κ light chain dimer (229-229':232-232'')-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

<u>Q</u> VQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	FYAISWVRQA	PGQGLEWMGG	50
FIPIFGAANY	AQKFQGRVTI	TADESTSTAY	MELSSLRSDD	TAVYYCARIP	100
SGSYYYDYDM	DVWGQGTTVT	VSSASTKGPS	VFPLAPCSRS	TSESTAALGC	150
LVKDYFPEPV	TVSWNSGALT	SGVHTFPAVL	QSSGLYSLSS	VVTVPSSSLG	200
TKTYTCNVDH	KPSNTKVDKR	VESKYGPPCP	PCPAPEFLGG	PSVFLFPPKP	250
KDFLMISRTP	EVTCTVVDVS	QEDPEVQFNW	YVDGVEVHNA	KTKPREEQFN	300
STYRVVSVLT	VLHQDWLNGK	EYKCKVSNKG	LPSSIEKTIS	KAKGQPREPQ	350
VYTLPPSQEE	MTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTTPV	400
LDSDGSFFLY	SRLTVDKSRW	QEGNVFSCSV	MHEALHNHYT	QKSLSLSLG	449

Light chain

EIVLTQSPVT	LSSLSPGERAT	LSCRASQSVS	SYLAWYQQKP	GQAPRLLIYD	50'
ASNRATGIPA	RFSGSGSGTD	F ^T LT ^I SSLEP	EDFAVYYCQQ	RSNWMYTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLN ^N FY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22"-96"	23'-88'	23'''-88'''	134'-194'	134'''-194'''	137'-214'	137'''-214'''
150-206	150"-206"	229-229''	232-232'''	264-324	264'''-324'''	370-428	370'''-428'''

Modified residues



Glycosylation sites (N)

Asn-300 Asn-300''

MOLECULAR FORMULA

C₆₄₅₂H₉₉₁₈N₁₆₉₈O₂₀₃₀S₄₆ (peptide)

MOLECULAR WEIGHT

145.2 kDa (peptide)

TRADEMARK

None as yet

SPONSOR

Bristol-Myers Squibb

CODE DESIGNATIONS	BMS-986015, BMS-986015-01, IPH2102, Anti-KIR Antibody
<u>CAS</u> REGISTRY NUMBER	1000676-41-4
WHO NUMBER	9415

gbk