

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-165) LAMBROLIZUMAB

PRONUNCIATION lam" broe liz' ue mab

THERAPEUTIC CLAIM Antineoplastic, immunomodulatory, immunotherapy

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human protein PDCD1 (programmed cell death 1)) (human-*Mus musculus* monoclonal heavy chain), disulfide with human-*Mus musculus* monoclonal light chain, dimer
2. Immunoglobulin G4, anti-(human programmed cell death 1); humanized mouse monoclonal [228-L-proline(H¹⁰-S>P)] γ 4 heavy chain (134-218')-disulfide with humanized mouse monoclonal κ light chain dimer (226-226":229-229")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGVE	VKKPGASVKV	SKKASGYTFT	NYMYWVRQA	PGQGLEWMGG	50
INPSNGGTNF	NEKFKNRVTL	TTDSSTTAY	MELKSLQFDD	TAVYVCARRD	100
YRFDMGFDYW	GQGTTVTVSS	ASTKGPSVFP	LAPCSRSTSE	STAALGCLVK	150
DYFPEPVTVS	WNSGALTSGV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTKT	200
YTCNVDPKPS	NTKVDKRVES	KYGGPPCPPCP	APEFLGGPSV	FLFPPKPKDT	250
LMISRTP EVT	CVVVDVSDQED	PEVQFNWYVD	GVEVHNAKTK	PREEQFNSTY	300
RVVSVLTVLH	QDWLNGKEYK	CKVSNKGLPS	SIEKTIKAK	GQPREPQVYT	350
LPDSQSEEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTTTPVLDS	400
DGSFFLYSRL	TVDKSRWQEG	NVFCSCVMHE	ALHNHYTQKS	LSLSLGK	447

Light chain

EIVLTQSPAT	LSLSPGERAT	LSCRASKGVS	TSGYSYLHWY	QQKPGQAPRL	50'
LIYLASYLES	GVPARFSGSG	SGTDFLTITIS	SLEPEDFAVY	YQCQHSRDLPL	100'
TFGGGTKVEI	KRTVAAPSVF	IFPPSDEQLK	SGTASVVCLL	NNFYPREAKV	150'
QWKVDNALQS	GNSQESVTEQ	DSKSTYSLS	STLTLSKADY	EKHKVYACEV	200'
THQGLSSPVT	KSFNRGEC				218'

Disulfide bridges

22-96	22"-96"	23'-92'	23"-92"	134-218'	134"-218"	138'-198'	138"-198"
147-203	147"-203"	226-226"	229-229"	261-321	261"-321"	367-425	367"-425"

Glycosylation sites (N)

Asn-297 Asn-297"

MOLECULAR FORMULA C₆₅₀₄H₁₀₀₀₄N₁₇₁₆O₂₀₃₆S₄₆ (peptide)

MOLECULAR WEIGHT 146.3 kDa (peptide)

TRADEMARK None as yet

SPONSOR Merck Sharp & Dohme Corp.

CAS REGISTRY NUMBER 1374853-91-4

WHO NUMBER 9798

gbk