

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-148) FIANLIMAB
 PRONUNCIATION fye an' li mab
 THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAME

Immunoglobulin G4 [231-proline, 236-proline, 237-valine, 238-alanine], anti-(human lymphocyte-activation gene 3) (human monoclonal REGN3767 γ 4-chain), disulfide with human monoclonal REGN3767 κ -chain, dimer

STRUCTURAL FORMULA

Heavy chain

QVQLVESGGG	VVQPRSLRL	SCVASGFTFS	SYGMHWVRQA	PGKGLEWVAI	50
IWYDGSNKYY	ADSVKGRFTI	SRDNSKNTQY	LQMNSLRAED	TAVYYCASVA	100
TSGDFDYGM	DVWGQGTTVT	VSSASTKGPS	VFPLAPCSRS	TSESTAALGC	150
LVKDYFPEPV	TVSWNSGALT	SGVHTFPAVL	QSSGLYSLSS	VVTVPSSSLG	200
TKTYTCNVDH	KPSNTKVDKR	VESKYGPPCP	PCPAPPVAGP	SVFLFPPKPK	250
DTLMISRTPE	VTCVVVDVSQ	EDPEVQFNWY	VDGVEVHNAK	TKPREEQFNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKGL	PSSIEKTIISK	AKGQPREPQV	350
YTLPPSQEEM	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFLYS	RLTVDKSRWQ	EGNVFSCSVM	HEALHNHYTQ	KLSLSLGLGK*	449

Light chain

EIVLTQSPAT	LSLSPGERTT	LSCRASQRIS	TYLAWYQQKP	GQAPRLLIYD	50'
ASKRATGIPA	RFSGSGSGTG	FTLTISSELP	EDFAVYYCQQ	RSNWPLTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSTLT	LSKADYKHK	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''	263-323	263''-323''	369-427	369''-427''

Glycosylation sites (N)

Asn299 Asn299'

MOLECULAR FORMULA C₆₄₅₂H₉₉₅₈N₁₇₂₆O₂₀₁₆S₄₄ (peptide only)
 MOLECULAR WEIGHT 145.4 kDa (peptide only)
 TRADEMARK None as yet
 SPONSOR Regeneron Pharmaceuticals Inc.
 CODE DESIGNATIONS REGN3767

<u>CAS</u> REGISTRY NUMBER	2126132-98-5
UNII	OX5LRQ5H6K
WHO NUMBER	11182

gbk