

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-153) RAGIFILIMAB

PRONUNCIATION rag" i fil' i mab

THERAPEUTIC CLAIM Antineoplastic

## CHEMICAL NAMES

1. Immunoglobulin G1 [de-448-lysine], anti-(human tumor necrosis factor receptor TNFRSF18) (human-Mus musculus monoclonal INCAGN01876γ1-chain), disulfide with human-Mus musculus monoclonal INCAGN01876 κ-chain, dimer (Source: CAS)
2. Immunoglobulin G1-kappa, anti-[*Homo sapiens* TNFRSF18 (tumor necrosis factor receptor (TNFR) superfamily member 18, activation-inducible TNFR family receptor, AITR, glucocorticoid-induced TNFR-related, GITR, CD375)], humanized monoclonal antibody; gamma1 heavy chain humanized (1-447) [VH (*Homo sapiens*IGHV1-2\*02 (80.6%) -(IGHD) -IGHJ4\*01 (92.9%)) CDR-IMGT [8.8.11] (26-33.51-58.97-107) (1-118) -*Homo sapiens*IGHG1\*03 (100%) G1m3, nG1m1 (CH1 R120 (215) (119-216), hinge 1-15 (217-231), CH2 (232-341), CH3 E12 (357), M14 (359) (342-446), CHS K>del (447)) (119-447)], (221-220')-disulfide with kappa light chain humanized (1'-220') [V-KAPPA (*Homo sapiens*IGKV4-1\*01 (91.1%) -IGKJ2\*01 (100%)) CDR-IMGT [12.3.9] (27-38.56-58.95-103) (1'-113') -*Homo sapiens*IGKC\*01 (100%) Km3 A45.1 (159), V101 (197) (114'-220')]; dimer (227-227":230-230")-bisdisulfide; produced in Chinese hamster ovary (CHO) cells, glycoform alfa (Source: WHO PINN list 122)

## STRUCTURAL FORMULA

### Heavy chain

QVQLVQSGAE	VKPKGASVKV	SCKGSGYTFT	DYAMYWVRQA	PGQGLEWIGV	50
IRTYSGDVTY	NQKFKDRATM	TVDKSISTAY	MELSRRLSDD	TAVYYCAKSG	100
TVRGFAYWGQ	GTLVTVSSAS	TKGPSVFPLA	PSSKSTSGGT	AALGCLVKDY	150
FPEPVTVSWN	SGALTSQVHT	FPAVLQSSGL	YSLSSVVTVP	SSSLGTQTYI	200
CNVNHKPSNT	KVDKRVEPKS	CDKTHTCPPC	PAPELLGGPS	VFLFPPKPKD	250
TLMISRTPEV	TCVVVDVSHE	DPEVKFNWYV	DGVEVHNAKT	KPREEQYNST	300
YRVVSVLTVL	HQDWLNGKEY	KCKVSNKALP	APIEKTISKA	KGQPREPVY	350
TLPPSREEMT	KNQVSLTCLV	KGFYPVDIAV	EWESNGQPEN	NYKTTTPVLD	400
SDGSFFLYSK	LTVDKSRWQQ	GNVFSQSVMH	EALHNHYTQK	SLSLSPG	447

### Light chain

DIVMTQSPDS	LAVSLGERAT	INCKSSQSL	NSGNQKNYLT	WYQQKPGQPP	50'
KLLIYWASTR	ESGVDRFSG	SGSGTDFTLT	ISSLQAEDVA	VYHCQNDYSY	100'
PYTFGQGTKL	EIKRTVAAPS	VFIFPPSDEQ	LKSGTASVVC	LLNNFYPREA	150'
KVQWKVDNAL	QSGNSQESVT	EQDSKDSTYS	LSSTLTLSKA	DYEEKHKVYAC	200'
EVTHQGLSSP	VTKSFNRGEC				220'

### Disulfide bridges

22-96	22''-96''	23'-94'	23'''-94'''	140'-200'	140'''-200'''	145-201	145''-201''
221-220'	221''-200''	227-227''	230-230''	262-322	262''-322''	368-426	368''-426''

### Glycosylation sites (N)

398	298''
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MOLECULAR FORMULA	C <sub>6496</sub> H <sub>10086</sub> N <sub>1732</sub> O <sub>2033</sub> S <sub>46</sub>
MOLECULAR WEIGHT	146.4 kDa
TRADEMARK	None as yet
SPONSOR	Incyte Corp.
CODE DESIGNATIONS	INCAGN01876, AGEN1876, CM701
<u>CAS</u> REGISTRY NUMBER	2207590-51-8
UNII	O440IW9NHN
WHO NUMBER	11280

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