

【図1】

ヒトTLR7（バリエント1）のアミノ酸配列（配列番号2）

mvfpmwtlkrqililfniiliskllgarwfpktlpcdvtdvpknhvvdctdkhlteipggiptntntltltinhipdi
 spsfhrldhlveidfrncvpiplgsknnmckrlqikprsfsgltylkslyldgnlleipqglppslqlslsleanni
 fsirkenltelanieilylgncyyrnpvcyvsysiekdaflnltklvlsldnnvtavptvlpstltelylynmiaki
 qeddfnnlnqlqildsgncprcynapfpcapcknnsplqipvnafdaltelkvlrlhsnslqhvpprwwfkninklqeld
 lsqnflakeigdakflhflpsliqlldlsfnfelqvyrasmnlsqafsslsklkilrirygvfkelksfnlsplhnlqnle
 vldlgtfnfikianlsmfkqfkrkvidlsvnkispsgdssevgfcsnartsvesyepqvleqlhyfrydkyarscrfknk
 easfmsvnescykygtldlsknsiffvkssdfqhlslfklcnlsngnlsqtlngsefqplaelryldfsnnrldlhst
 afeelhklevldissnshyfqsegithmlnftknlkvqlkmmndndissstsrtnmeseslrilefrgnhldvlwregdn
 rylqlfknllkleeldisknslsflpsgvfdgmppnknslaknglksfswkklqclknletldlshnqlttvperlsn
 csrslknllknqirsltkyflqdaqlryldlssnkiqmiqktsfpenvlnnknmlhhnrflctcdavfwvwwnh
 tevtipylatdvtevgpgahkgqsvisllytcelldltnlilfsisvsflmvmmtashlyfwdvwyiyhfckakikg
 yqrlispdcccayfivdytdkdpavtewvlaevakledprekhfnlcleerdwpgqpvlenssqsiqlskktvfvmtdk
 yaktentkiafylshqrlmdekvdviiilflekpqkskflqlrklcgssvlewptnpqahpyfwqclknalatdnhva
 ysqvfkety

【図2】

ヒトTLR7（バリエント2）のアミノ酸配列（配列番号4）

mvfpmwtlkrqililfniiliskllgarwfpktlpcdvtdvpknhvvdctdkhlteipggiptntntltltinhipdi
 spsfhrldhlveidfrncvpiplgsknnmckrlqikprsfsgltylkslyldgnlleipqglppslqlslsleanni
 fsirkenltelanieilylgncyyrnpvcyvsysiekdaflnltklvlsldnnvtavptvlpstltelylynmiaki
 qeddfnnlnqlqildsgncprcynapfpcapcknnsplqipvnafdaltelkvlrlhsnslqhvpprwwfkninklqeld
 lsqnflakeigdakflhflpsliqlldlsfnfelqvyrasmnlsqafsslsklkilrirygvfkelksfnlsplhnlqnle
 vldlgtfnfikianlsmfkqfkrkvidlsvnkispsgdssevgfcsnartsvesyepqvleqlhyfrydkyarscrfknk
 easfmsvnescykygtldlsknsiffvkssdfqhlslfklcnlsngnlsqtlngsefqplaelryldfsnnrldlhst
 afeelhklevldissnshyfqsegithmlnftknlkvqlkmmndndissstsrtnmeseslrilefrgnhldvlwregdn
 rylqlfknllkleeldisknslsflpsgvfdgmppnknslaknglksfswkklqclknletldlshnqlttvperlsn
 csrshknllknqirspkyflqdaqlryldlssnkiqmiqktsfpenvlnnknmlhhnrflctcdavfwvwwnh
 tevtipylatdvtevgpgahkgqsvisllytcelldltnlilfsisvsflmvmmtashlyfwdvwyiyhfckakikg
 yqrlispdcccayfivdytdkdpavtewvlaevakledprekhfnlcleerdwpgqpvlenssqsiqlskktvfvmtdk
 yaktentkiafylshqrlmdekvdviiilflekpqkskflqlrklcgssvlewptnpqahpyfwqclknalatdnhva
 ysqvfkety

【図3】

マウスTLR7のアミノ酸配列（配列番号83）

mvfsmwtrkrqiliflnmllvsrvfgrwfpktlpcvkvnipeahvvdctdkhlteipegiptntntltltinhipsi
 spdsfrlnhleeidfrncvpiplgskanvckrlqirpgsfsglsdkalyldgnlleipqdlpsslhllsleanni
 fsitkenltelvnietlylgncyyrnpvcnvsysiekdaflvmrnkvlsldnnvtavptlppnallelylynmiikki
 qendfnnlnelqvldsgncprcynvpypctpcennsplqihdnafnsltelkvlrlhsnslqhvptwfkmmrnlqeld
 lsqnylareieeakflhflpnlveldfsnyelqvhasitlphslsslenlkilrvkgyvfkelknssslvhlklprle
 vldlgtfnfikiadlnifkhfenklidlsvnkispsseesrevgfcnaqtsvdrhgqpvalhyfrydeyarscrfknk
 eppsflplnadchiygtldlrrnniffikpsdfqhlslfklcnlsngnlsqtlngselwplrelryldfsnnrldllys
 tafeelqsllevldissnshyfqsegithmlnftkklrldklmmndndistsasrtmesdsrilefrgnhldvlwragd
 nryldffknlnlevldisrnslnslppevfegmppnknslaknglksfswdrqlklkhleildlshnqltkvperla
 ncskslttlilkhqnirqltkyflledalqlryldissnkiqviqktsfpenvlnnlemvlhnrflcncdavfwvwwn
 htvtipylatdvtevgpgahkgqsvisllytcelldltnlilfsisvsflmvmmtshiffwdmwyiyfwkakik
 gyghlqsmescydaifvydtknsavtewvlaevakledprekhfnlcleerdwpgqpvlenssqsiqlskktvfvmtdk
 kyaktesfkmafylshqrlldekvdviiilflekpqkskflqlrklcrssvlewpanpqaahpyfwqclknalttdnhv
 aysqmfkety

【図4】

ラットTLR7のアミノ酸配列（配列番号84）

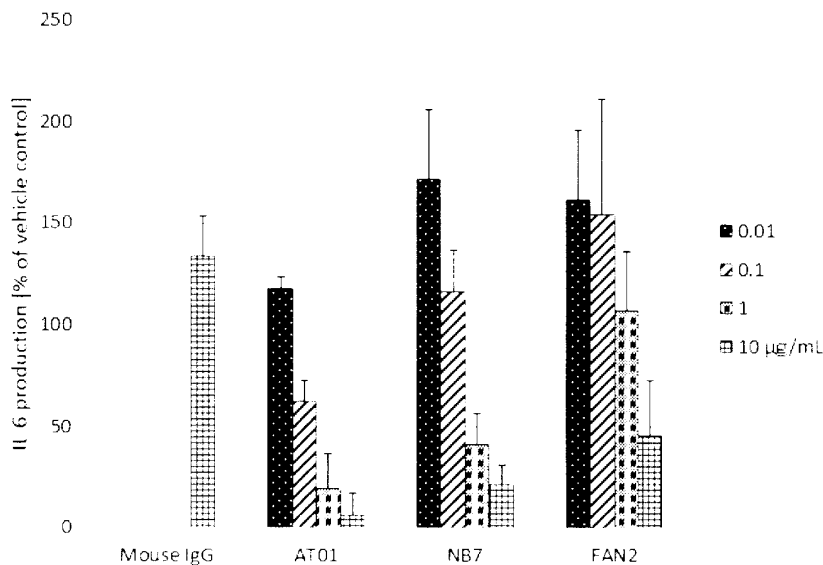
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 lsqnylareieeakflnslpnlvqlldlsfnelyqvyhasitlphslssltklknlyikgyvfkelkdsslsvlhnlslne
 vldlgtfnfikiadlnifqqfenlkfidlsvnkispseesrevglcpnaqtsvdwhgppvleahyfyrydeyarscrfknk
 eppftflplnadchtygktdlslrnniffikpsdfkhlsflkclnlsnagatlngselqplrelryldfsnnrldllys
 tafeelqnleildlssnshyfaegithmlnftkklrhlekmmndndistsasrtmesesrlvlefrgnhldvlwrdgd
 nryldffknllnleeldisrnslnsvppgvfegmppnlttislaknglrsfswgrlqlklhknldlshnqlttvparla
 ncsksltklilnhnqirqltkyflledalqlryldissnkiqviqktsfpenvlnnlmlllhhnrflcncdavgfwvwn
 htdvtipylatdvtcagpgahkgqsvsldlytceldltnlilfsvisvflmvmnttshlffwdmwyiyfwkakikg
 gyqlqsmescydaifvydtknsavtewvlqelvkleprekhfnlcleerdwlpqgpvlenssqisqlsrktvfvmtq
 kyaktesfkmafylshqrlmdekvdviiilflekplqkskflqlrklcssvlewptnpqahpyfwqclknalttdnhv
 aysqmfkety

【図5】

サルTLR7のアミノ酸配列（配列番号85）

mmfpvwtlkrqililfniiliskllgarwfpktpcdvldvsknhvivdctdkhlteipggiptntntltltinhipdi
 spdsfhrlyhlveidfrncvpirlgsksnmcprrlqikprsfsgltylkslyldgnqlleipqglpsslqlslsleanni
 fsirkenltelanieiylgqncyrrnncvsysiekdaflnltklkvlskdnnvtvptvlpstltelylynnmiaei
 qeddfnnlnqlqildlsgncprcynapfctpcnnsplqipvnafdaltelkvlrlhsnslqhvpprwfkninnlqeld
 lsqnflakeigdakflhflpnlqlldlsfnfelqvyrasmmisqafsslsklkilriryvfkelsfnlsplhnlqnle
 vldlgtfnfikianlsmfkqfkrllkvidlsvnkispsgdssevgfcsnartsvesyepqvleqlyyfyrydkyarscrfknk
 easftsvneskyqgtldlsknsiffikssdfqhlslfklclnlsnqlisqtlngsefqplaelryldfsnnrldlthst
 afeelrklevldissnshyfqsegi thmlnftknkvqlkmmndndissstsrtesesrltlefrgnhldvlwrdgd
 rylqlfknllkleeldisknslfslpgsvfdgmpnlnknlslaknglksfiweklrylknletldlshnqlttvperlsn
 csrslknllknqirsltkyflqdafqlryldlssnkiqmiqktsfpenvlnnlmlllhhnrflctcdavgfwvwnh
 tevtipylatdvtcvgpgahkgqsvsldlytceldltnlilfslsisvflmvmntashlyfwdvwyiyhfcakikg
 yqrlispdcccyaifvydtkdpavtewvlaevakledprekhfnlcleerdwlpqgpvlenssqisqlskktvfvmtdk
 yaktenfkiafylshqrlmdekvdviiilflekpfqkskflqlrklcgssvlewptnpqahpyfwqclknalatdnhva
 ysqvfkety

【図6】



[図7]

c A T 0 1 抗体のシグナル配列を含む重鎖のアミノ酸配列（配列番号 3 5）及びシグナル配列を含む軽鎖のアミノ酸配列（配列番号 3 6）

MKHLWFFLLLVAAPRWVLSQVQLQQPQGAELVKPGASVNLSCASGYFTNNWLHWVKQRPGRGLEWIGDIYPSNGRTNYN
EQFKTKATLTVDKSSSTAYMQLSSLTSEDSAVYFCARERGYFDYWGQGTALTSSASTKGPSVFPLAPSSKSTSGGTAAL
GCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
THTCPPCPAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRV
VSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVSCSVMEALHNHYTQKSLSLSPGK（配列番号 3 5）

MVLQTQVFISLLWISGAYGDIQMTQSPSSLSLTSLGKVTITCKASQDINKYIAWYQHKPGKPRLLIHYTSLQPGIPS
RFGSGSGRDYSFISINLEPEDIATYYCLQYDYLTFGAGTKLELKRAVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC（配列番
号 3 6）

[図8]

c N B 7 抗体のシグナル配列を含む重鎖のアミノ酸配列（配列番号 3 7）及びシグナル配列を含む軽鎖のアミノ酸配列（配列番号 3 8）

MKHLWFFLLLVAAPRWVLSVQLQESGPGLVKPSQSLSLTCTVTGYSITSDYAWNWI RQFPGNKLEWMGHISYRGNTNYN
PSLKSRI S ITRDTSKNQFFLQLNSVTTEDTATYYCASWNYGYVDYAMDYWGQGTSTVTVSSASTKGPSVFPLAPSSKSTS
GGTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVE
PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSD
IAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVSCSVMEALHNHYTQKSLSLSPGK（配列番号
3 7）

MVLQTQVFISLLWISGAYGDIQMTQTPSSLSASLGDRVTISCRASQDISNYLNWYQQKPDGTVKLLIYYTSRLHSGVPS
RFGSGSGTDYSLTINNLEQEDIAITYFCQQGDTFTFGGGTKLEIKRAVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC（配列番
号 3 8）

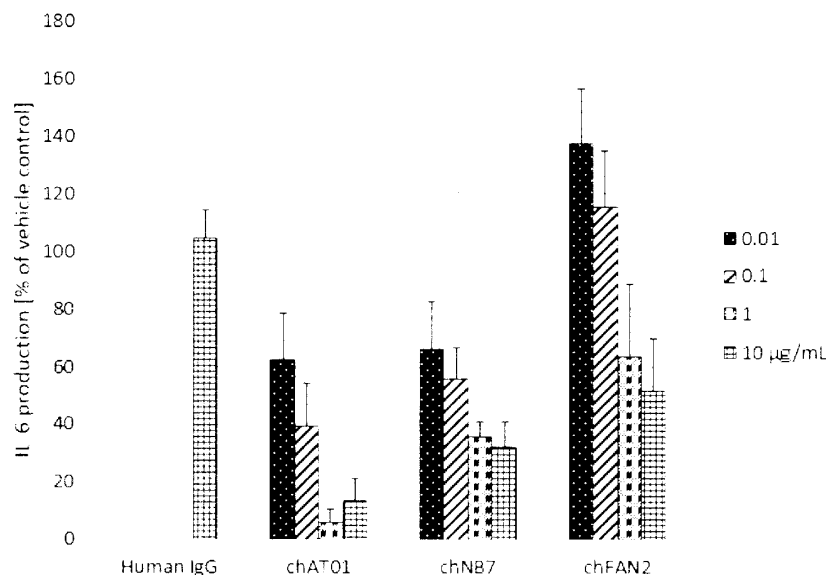
[図9]

c F A N 2 抗体のシグナル配列を含む重鎖のアミノ酸配列（配列番号 3 9）及びシグナル配列を含む軽鎖のアミノ酸配列（配列番号 4 0）

MKHLWFFLLLVAAPRWVLSQVQLKESGPGLVAPSQSLSITCTVSGFSLTGYGVNWVRQPPGKLEWLGMWGDGSTDYNS
ALKSRLSIRKDNKSKQVFLKMNSLQTD D TARYYCARDKGYDGYYYAMDYWGQGTSTVTVSSASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN
STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVSCSVMEALHNHYTQKSLSLSPGK（配列番号
3 9）

MVLQTQVFISLLWISGAYGDIQMTQSPASLSASVGETVTITCRASENIYSYLAWYQQKQKSPQLLVYDAKTLAEGVPS
RFGSGSGGTQFSLKINSLQPEDFGSYQCQHHYGIPYTFGGGKLEIKRAVAAPSVFIFPPSDEQLKSGTASVVCLLNNFY
PREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC（配列
番号 4 0）

【図10】



【図11】

ヒト化重鎖 h u A T 0 1 _ _ H 1 _ _ I g G 1 L A L A のシグナル配列を含むアミノ酸配列 (配列番号 4 5)

MKHLWFFLLLVAAAPRWVLSQVQLVQSGAEVKKPGASVKVSCKASGYFTFTNNWLHWVRQAPGQGLEWMGDIYPSNGRTNYA
QKPFQGRVTITADKSTSTAYMELSSLRSEDTAVYYCARERGFYDWGQGLTVTVSSASTKGPSVFPLAPSSKSTSGGTAAL
GCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
THTCPPCPAPEAAGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRV
VSVLTVLHQDWLNGKEYKCKVSNKALPAPI EKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

【図12】

ヒト化重鎖 h u A T 0 1 _ _ H 3 _ _ I g G 1 L A L A のシグナル配列を含むアミノ酸配列 (配列番号 4 6)

MKHLWFFLLLVAAAPRWVLSQVQLVQSGAEVKKPGASVKVSCKASGYFTFTNNWLHWVRQAPGQGLEWMGDIYPSNGRTNYA
QKPFQGRVTITVDKSTSTAYMELSSLRSEDTAVYFCARERGFYDWGQGLTVTVSSASTKGPSVFPLAPSSKSTSGGTAAL
GCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
THTCPPCPAPEAAGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRV
VSVLTVLHQDWLNGKEYKCKVSNKALPAPI EKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

【図13】

ヒト化重鎖 h u A T 0 1 _ _ H 3 _ _ I g G 4 P r o のシグナル配列を含むアミノ酸配列 (配列番号 4 7)

MKHLWFFLLLVAAAPRWVLSQVQLVQSGAEVKKPGASVKVSCKASGYFTFTNNWLHWVRQAPGQGLEWMGDIYPSNGRTNYA
QKPFQGRVTITVDKSTSTAYMELSSLRSEDTAVYFCARERGFYDWGQGLTVTVSSASTKGPSVFPLAPCSRSTSESTAAL
GCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSGYPP
CPPCPAPEFLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRVVSV
LTVLHQDWLNGKEYKCKVSNKGLPSSIEKTI SKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPSDIAVEWESNG
QPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFCSCVMHEALHNHYTQKSLSLSLGK

[図14]

chAT01_H	1	QVQLQQPGAELVKPGASVNLSCASGYTFTNNWLHWVKRQPRGRLGWIGDIYPSNGRTNY	60
huAT01_H1	1	V.S...VK.....KV.....R.A..Q....M.....	60
huAT01_H3	1	V.S...VK.....KV.....R.A..Q....M.....	60
chAT01_H	61	NEQFKTKATLTVDKSSSTAYMQLSSLTSEDSAVYFCARERGFYDWGQGTALTVSS	116
huAT01_H1	61	AQK.QGRV.I.A...T....E....R...T...Y.....LV....	116
huAT01_H3	61	AQK.QGRV.....T....E....R...T.....LV....	116

[図15]

ヒト軽鎖h u A T 0 1 _ L 1 のシグナル配列を含むアミノ酸配列（配列番号48）

MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGRVTITCKASQDINKYIAWYQQKPKAPKLLIHYTSTLQPGVPS
RFGSGSGRDFTLTISLQPEDFATYYCLQYDYLTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKDSSTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

[図16]

ヒト化軽鎖h u A T 0 1 _ L 2 のシグナル配列を含むアミノ酸配列（配列番号49）

MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGRVTITCKASQDINKYIAWYQQKPKAPKLLIHYTSTLQPGIPS
RFGSGSGRDFTLTISLQPEDFATYYCLQYDYLTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKDSSTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

[図17]

chAT01_L	1	DIQMTQSPSSLSLSTLGGKVTITCKASQDINKYIAWYQHKPKGPRLLIHYTSTLQPGIPS	60
huAT01_L1	1	A.V.DR.....Q....A.K.....V..	60
huAT01_L2	1	A.V.DR.....Q....A.K.....V..	60
chAT01_L	61	RFGSGSGRDFYSISNLEPEDIATYYCLQYDYLTFGAGTKLELK	106
huAT01_L1	61	FTLT..S.Q...F.....Q...V.I.	106
huAT01_L2	61	TLT..S.Q...F.....Q...V.I.	106

[図18]

ヒト化重鎖h u N B 7 _ H 3 _ I g G 1 L A L A のシグナル配列を含むアミノ酸配列（配列番号52）

MKHLWFFLLVAAPRWVLSVQLQESGPGLVKPSDTLSLTCTVTGYSITSDYAWNWIQPPGNKLEWIGHISYRGNTNYN
PSLKSRTVTSRDTSKNQFSLKLSVTAADTAVYICASWNYGYVDYAMDYWGQGTITVTVSSASTKGPSVFPLAPSSKSTS
GGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRV
PKSCDKHTHTCPCPAPEAAGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVSVTLVHLDWLNQKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSD
IAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVSCSVMEALHNHYTQKSLSLSPGK

[図19]

ヒト化重鎖h u N B 7 _ H 3 _ I g G 4 P r o のシグナル配列を含むアミノ酸配列（配列番号54）

MKHLWFFLLVAAPRWVLSVQLQESGPGLVKPSDTLSLTCTVTGYSITSDYAWNWIQPPGNKLEWIGHISYRGNTNYN
PSLKSRTVTSRDTSKNQFSLKLSVTAADTAVYICASWNYGYVDYAMDYWGQGTITVTVSSASTKGPSVFPLAPCSRSTS
ESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRV
SKYGPPCPPCPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSEDPEVKFNWYVDGVEVHNAKTKPREEQFNST
YRVSVTLVHLDWLNQKEYCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPSDIAV
EWESNGQPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMEALHNHYTQKSLSLSLGK

[図20]

chNB7_H	1	DVQLQESGPGLVKPSQSLSTCTVTGYSITSDYAWNWIQPPGNKLEWMGHISYRGNTNY	60
huNB7_H3	1	DT.....P.....I.....	60
chNB7_H	61	NPSLKSRSITRDTSKNQFFLQLNSVTTEDTATYYCASWNYGYVDYAMDYWGQGTSVTV	120
huNB7_H3	61	VT.S.....S.K.S...AA...V.....	120
chNB7_H	121	SS	122
huNB7_H3	121	..	122

[図21]

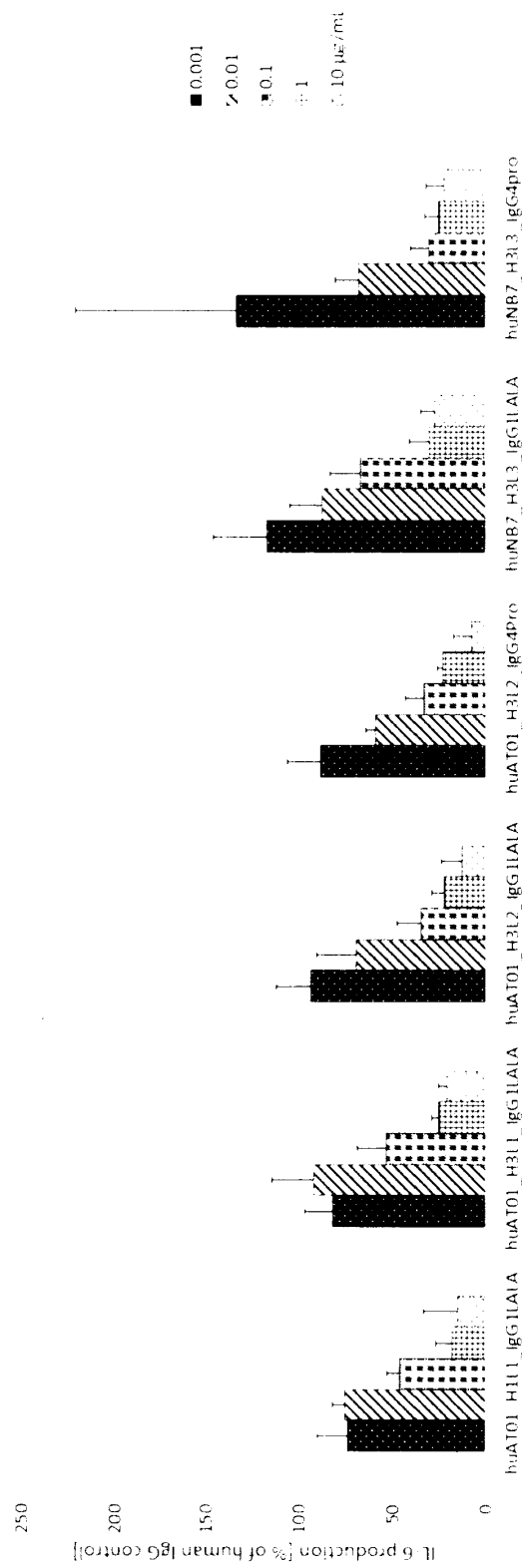
ヒト化軽鎖 h u N B 7 _ L 3 のシグナル配列を含むアミノ酸配列（配列番号 5 3）

MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDRTITCRASQDISNYLNWYQQKPGKAVKLLIYYTSRLHSGVPS
 RFSGSGSGTDYTLTISSLQPEDFATYFCQQGDTFPTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYP
 REAKVQWKVDNALQSGNSQESVTEQDSKDSSTLSLTLSKADYEEKHKVYACEVTHQGLSSPVTKSFNRGEC

[図22]

chNB7_L	1	DIQMTQTPSSLSASLGDRVTISCRASQDISNYLNWYQQKPDGTVKLLIYYTSRLHSGVPS	60
huNB7_L3	1	S.....V.....T.....GKA.....	60
chNB7_L	61	RFSGSGSGTDYSLTINNLEQEDIATYFCQQGDTFPTFGGGTKLEIK	106
huNB7_L3	61	T...SS.QP..F.....Q...V...	106

[図23]



[図24]

図24-1

AT01抗体CDRのアミノ酸配列

CDRH1のアミノ酸配列（配列番号17）: GYTFTNNWLH

CDRH2のアミノ酸配列（配列番号18）: DIYPSNGRTN

CDRH3のアミノ酸配列（配列番号19）: ERGYFDY

CDRL1のアミノ酸配列（配列番号20）: KASQDINKYIA

CDRL2のアミノ酸配列（配列番号21）: YTSTLQP

CDRL3のアミノ酸配列（配列番号22）: LQYDYLLT

図24-2

NB7抗体CDRのアミノ酸配列

CDRH1のアミノ酸配列（配列番号23）: GYSITSDYAWN

CDRH2のアミノ酸配列（配列番号24）: HISYRGNTN

CDRH3のアミノ酸配列（配列番号25）: WNYYGYVDYAMDY

CDRL1のアミノ酸配列（配列番号26）: RASQDISNYLN

CDRL2のアミノ酸配列（配列番号27）: YTSRLHS

CDRL3のアミノ酸配列（配列番号28）: QQGDTFPT

図24-3

FAN2抗体CDRのアミノ酸配列

CDRH1のアミノ酸配列（配列番号29）: GFSLTGYGVN

CDRH2のアミノ酸配列（配列番号30）: MIWGDGSTD

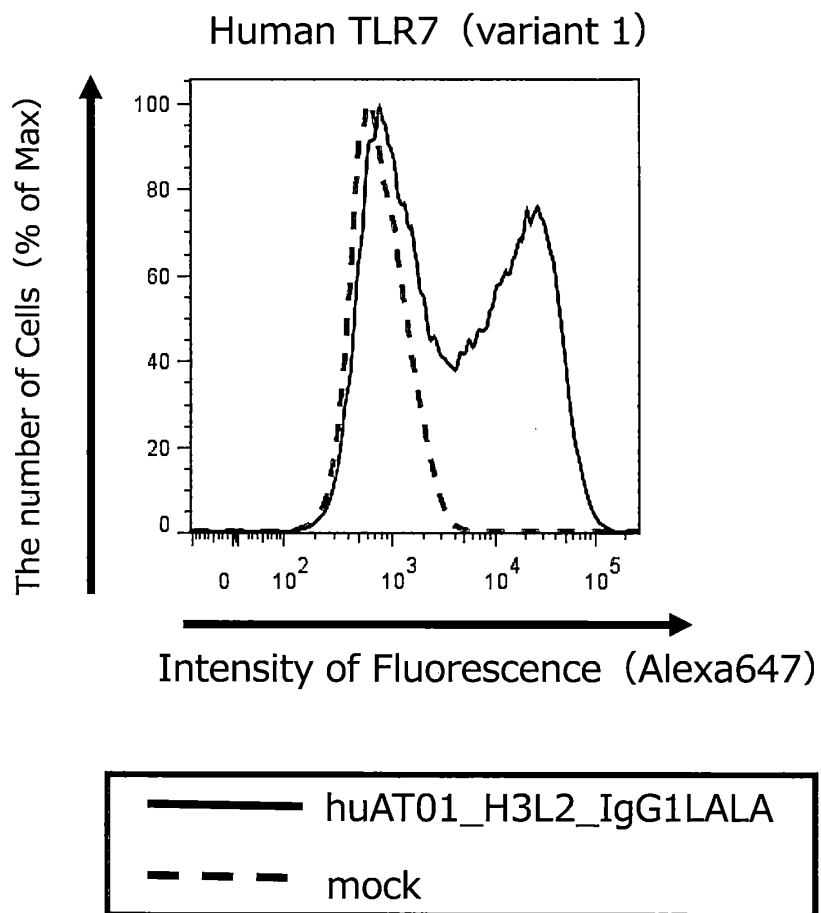
CDRH3のアミノ酸配列（配列番号31）: DKGYDGYYYAMDY

CDRL1のアミノ酸配列（配列番号32）: RASENIYSYLA

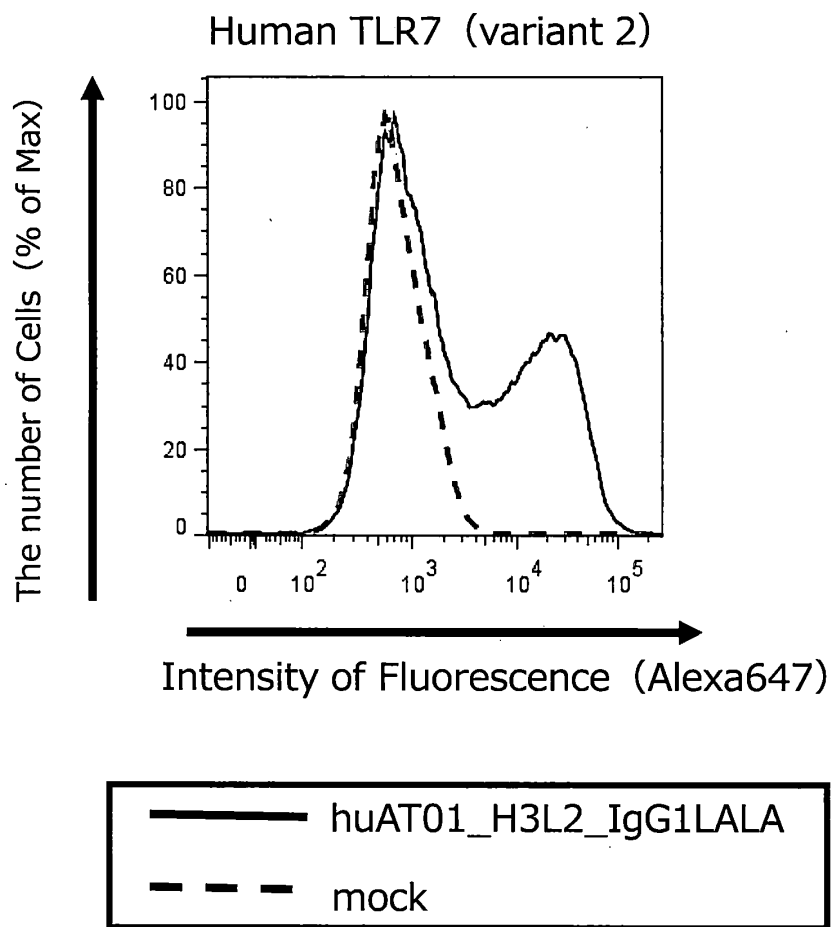
CDRL2のアミノ酸配列（配列番号33）: DAKTLAE

CDRL3のアミノ酸配列（配列番号34）: QHHYGIPYT

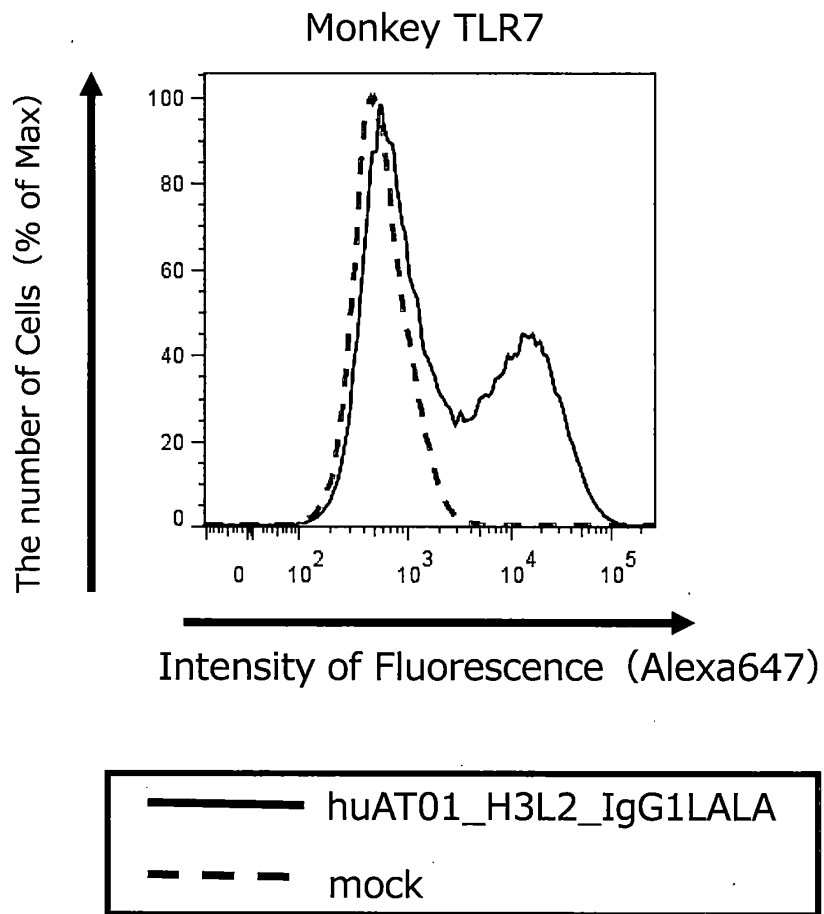
[図25]



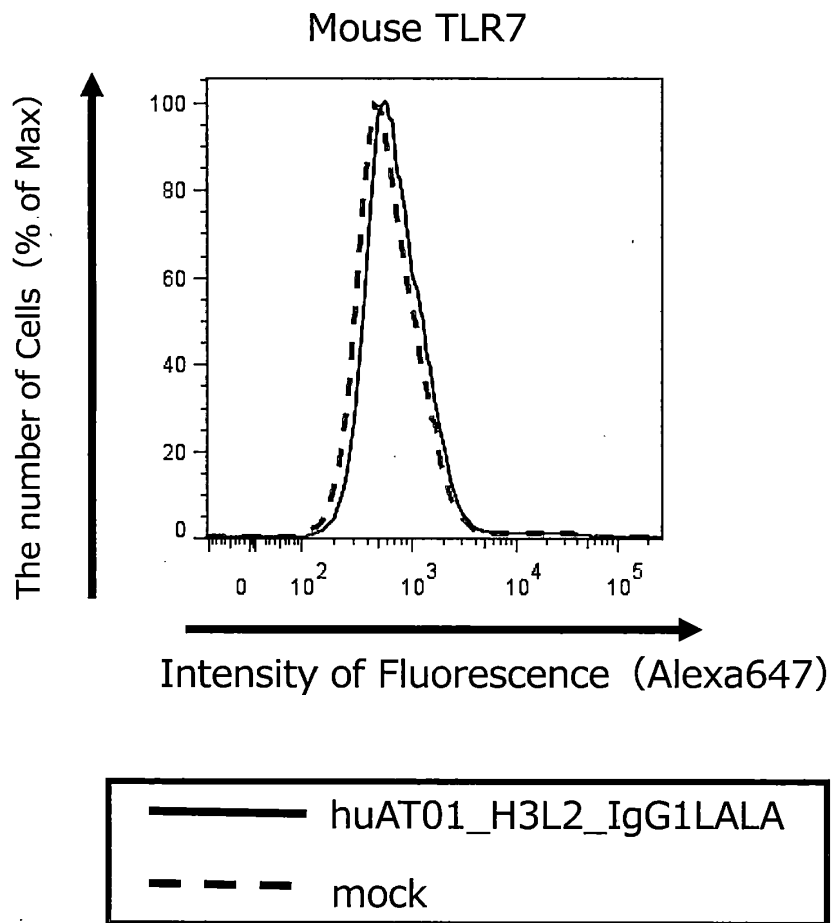
[図26]



[図27]



[図28]



[図29]

