

Гликоэпитопы нечеловеческого типа

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-4159
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

Адрес: <https://tci.nt-rt.ru/> || эл.почта: tic@nt-rt.ru

Non-human Type Glyco-epitopes Related Reagents

Since glycogenes lost in humans during evolution are maintained in cell host animals such as mice for biopharmacy production and animals such as xenotransplantation pigs, they show antigenicity to human bodies. The NeuGc and α 1-3Gal glyco-epitopes are called non-human xenoantigen sugar chains. It has also been reported that NeuGc is taken into the human body from food and expressed on some types of cancer cells, and there are also reports that autoantibodies against this glyco-epitope have been detected in human serum. α Gal is well known as an antigen for xenotransplantation, and in some cases, biopharmaceuticals containing α Gal produced in mouse myeloma cells exhibits anaphylaxis symptoms.

Please use these synthetic non-human type glyco-epitopes for research and analysis.

Neu5Gc epitope

H-D (Hanganutziu-Deicher) antigen

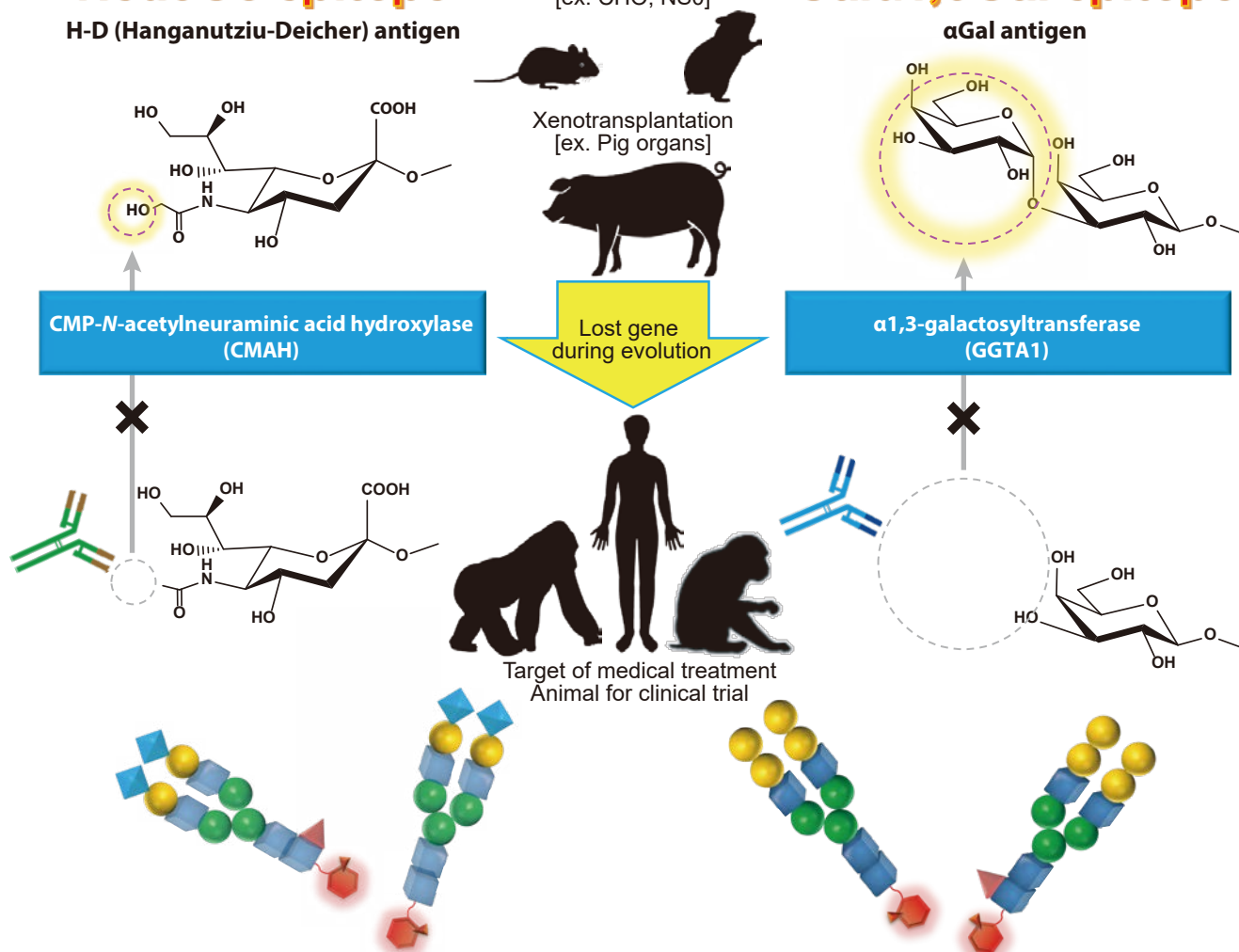
Host animal for cell culture
[ex. CHO, NS0]

Xenotransplantation
[ex. Pig organs]

Lost gene
during evolution

Gal α 1,3Gal epitope

α Gal antigen



Non-human Type Glycans

Gal α (1-3) *N*-Glycan 2AB

500pmol/vial [G0494]

Gal α (1-3) core-fucosylated *N*-glycan 2AB

500pmol/vial [G0575]

Neu5Gc α (2-6) *N*-Glycan 2AB

500pmol/vial [N1075]

Neu5Gc α (2-6) core-fucosylated *N*-glycan 2AB

500pmol/vial [N1183]

Anti-Non-human Type Glycan Probes

Anti- α Gal Polyclonal Antibody R-PE Conjugate

0.05mg/vial [A3354]

Anti-NeuGc Polyclonal Antibody R-PE Conjugate

0.05mg/vial [A3360]

A3354 and A3360 are unavailable in the U.S. and China.

Non-human Type Glyco-epitopes Related Reagents

Related Products

Non-human Type Glyco-antigens

[α 1-3Gal epitopes]

Gala(1-3) *N*-Glycan

Contact Us [G0488]

[NeuGc epitopes]

Neu5Gca(2-6) *N*-Glycan MP Glycoside

Contact Us [N1046]

Neu5Gca(2-6) *N*-Glycan

Contact Us [N1064]

Neu5Gca(2-6)Gal β MP Glycoside

5mg [N0794]

Neu5Gca(2-3)Gal β MP Glycoside

5mg [N0793]

Ganglioside GM₃ (Neu5Gc) (phyto-type)

Contact Us [G0510]

Anti-glycan Antibodies

[anti- α 1-3Gal antibodies]

Anti- α Gal Chicken Polyclonal Antibody

1vial [A3123]

Anti- α Gal Polyclonal Antibody Biotin Conjugate

1vial [A3144]

Anti- α Gal Chicken Polyclonal Antibody HRP Conjugate

1vial [A3195]

Anti- α Gal Polyclonal Antibody FITC Conjugate

1vial [A3337]

A3123, A3144, A3195 and A3337 are unavailable in the U.S. and China.

[anti-NeuGc antibodies]

Anti-NeuGc Chicken Polyclonal Antibody

0.05mg/vial [A3240]

Anti-NeuGc Polyclonal Antibody Biotin Conjugate

0.05mg/vial [A3294]

Anti-NeuGc Polyclonal Antibody HRP Conjugate

0.05mg/vial [A3397]

Anti-NeuGc Polyclonal Antibody FITC Conjugate

0.05mg/vial [A3295]

A3240, A3294, A3397 and A3295 are unavailable in the U.S. and China.

Lectins

[α 1-3Gal binding lectins]

Recombinant *Marasmius oreades* agglutinin (= rMOA) expressed in *Escherichia coli*

1mL [R0227]

rMOA-Biotin [for Gala(1-3)Gal]

1mL [R0232]

rMOA-LecBeads [for Gala(1-3)Gal]

1mL/vial [R0237]

This research is partially supported by the developing key technologies for discovering and manufacturing pharmaceuticals used for next-generation treatments and diagnoses both from the Ministry of Economy, Trade and Industry, Japan (METI) and from Japan Agency for Medical Research and Development (AMED). This research was supported by AMED under Grant Number JP19ae0101057.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-4159
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

Адрес: <https://tci.nt-rt.ru/> || эл.почта: tic@nt-rt.ru