

2024年5月

お客様各位

ジャクソン・ラボラトリー・ジャパン株式会社
コマーシャル部門

NSG-MHC I/II DKO マウス国内生産供給開始のご案内

拝啓 時下ますますご清祥のこととお慶び申し上げます。平素は格別のご高配を賜り、厚く御礼申し上げます。

さて、世界最大規模のゲノミクス研究・マウスリソース機関である米国ジャクソン研究所 (The Jackson Laboratory) が開発した NSG-MHC I/II DKO マウスの国内生産供給を下記の通り開始いたしますので、ご案内申し上げます。

本系統は重度複合免疫不全変異 (SCID)、IL2 受容体ガンマ鎖欠損、MHC クラス I 分子欠損 (H2-K および D)、ならびに MHC クラス II 分子欠損 (IA) の変異を有し、ヒト末梢血細胞 (PBMC) 移植による移植片対宿主病 (GvHD) の発症が大幅に遅延します。この系統は、異種間 GvHD の *in vivo* メカニズムの研究や、PBMC を移植した免疫系ヒト化マウスを作製することで治療薬の迅速な評価に有用です。高品質な実験動物の安定供給に努めて参りますので、今後ともご愛顧賜りたく何卒お願い申し上げます。

敬具

記

1. 対象製品：
 - ・ NOD.Cg-*Prkdc*^{scid}*H2-K1*^{b-tm1Bpe}*H2-Ab1*^{g7-em1Mvw}*H2-D1*^{b-tm1Bpe}*Ii2rg*^{tm1Wjl}/SzJ
(一般名：NSG-MHC I/II DKO マウス)
2. 販売開始期日： 2024年6月
3. 製品の規格／仕様：
 - ・ 雄性、雌性共に4週齢～8週齢
※その他の週齢や規格をご希望の場合は、お問合せください
4. 生産施設： 筑波飼育センター T-21号 (茨城県)
5. 販売／使用条件： 添付別紙を参照
6. お問い合わせ先：
リージョンセールス部 Tel：045-474-9340 E-mail：ask@jax.or.jp

以上

[添付別紙]

販売／使用条件抜粋

・ *TALEN – Limited Use License*

Limited Use Label License for Licensed Mice

This mouse strain (including any and all progeny, "MICE") is distributed by The Jackson Laboratory with the following terms and conditions. Limited Use Label License for Licensed Mice This genetically modified mouse model ("Model") is sold subject to a license agreement for transcription activator-like (TAL) effector technology between The Jackson Laboratory and Life Technologies Corporation (LTC). The purchase of this Model conveys to the buyer the limited, non-transferable right to use (i) the Model, (ii) progeny or derivatives of the Model generated by buyer, and (iii) cells, tissue, or other biological material extracted or derived from such Model or its corresponding progeny or derivatives (where (i), (ii), and (iii) are collectively defined as "Material") only to perform internal research for the sole benefit of the buyer. The buyer cannot sell or otherwise transfer Material to a third party, or otherwise use Material for any Excluded Use, except that buyer may transfer Material to: (1) the buyer's legal affiliates; (2) a non-profit performing collaborative research with the buyer; or (3) a contract research organization under a contractual obligation to perform research services solely for the benefit of the buyer, provided that in each case the legal affiliate, collaborator or contract research organization agrees in writing not to transfer Material to any third party and to use such Material solely for research as set forth in this limited use label license and not for any Excluded Use. All sales of Models are reported to LTC.

"Excluded Use" means

1. any activity for consideration, including but not limited to: (a) any use, directly or indirectly, in manufacturing, production, or quality control, (b) except as specifically set forth above, any use to provide a service, information, or data, (c) any use for therapeutic, diagnostic or prophylactic purposes, or (d) any sale, resale, leasing, or licensing, whether or not for research purposes;
2. any activity in a Phase I or later clinical trial;
3. any activity in any agricultural field trial, including any such field trial that would be subject to regulation by the United States Department of Agriculture if the Plants were to constitute genetically engineered organisms under 7 C.F.R. § 340 (or any successor regulation);
4. screening or profiling of more than 10,000 distinct compounds (high-throughput screening);
5. cell line development for purposes of bioproduction;
6. scale-up activities, the primary focus of which is to increase from small-scale to production-scale;

7. any use in or with Plants; and
8. all other uses not specifically permitted under this limited use label license.

“Plant” means any plant, plant tissues or plant cells, including green algae (but excluding fungi and blue-green algae) generated by use of Material, or any progeny (propagated through any number of generations) or unmodified derivatives of such plants, tissues or cells.

For information on obtaining additional rights to use Material for any Excluded Uses except for Plants, please contact abhay.kumar@thermofisher.com.

For information on obtaining additional rights to use Material in Plants, please contact Two Blades Foundation at info@2blades.org or Two Blades Foundation, 1630 Chicago Avenue, Suite 1907, Evanston, IL 60201 USA.

- *Mice Are Not Available for Sale to CROs*

These Mice are not available for sale to CROs in order for them to provide Services.

- *Prohibition for Engraftment and Genetic Modification of MICE.*

MICE subject to this Rider:

1. May not be engrafted with human hemotopoietic stem cells (CD34+ cells) derived from fetal tissue or cord blood; or
2. May not be genetically modified in any manner that results in a genetic modification that could be inherited by their progeny.

For clarity, in addition to any other lawful use for these MICE not prohibited explicitly above, COMPANY may engraft MICE with:

- i. adult human liver cells,
- ii. peripheral blood mononuclear cells (PBMC),
- iii. human derived cells that are (a) under evaluation as a therapeutic, and (b) proprietary to the COMPANY,
- iv. oncogenic material such as tumors or tumor cell lines alone or in combination with any of i, ii, iii.

販売／使用条件参照先

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