



IMANIS LIFE SCIENCES

Cell & Virus Solutions

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Tumor Model Cell Lines

Engineered reporter cell lines with tumor antigen modifications for breakthrough oncology research.



www.ImanisLife.com

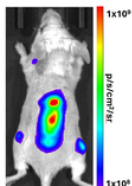


In Vivo Ready Tumor Cell Lines

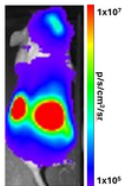


- **Xenograft and Syngeneic Models:** relevant tumor cell lines for studies in immunocompetent and immunocompromised mice.
- **Luciferase and GFP Reporters:** stable, constitutive reporter expression for *in vivo* or *in vitro* tumor tracking and quantitation.
- **Relevant Tumor Antigens:** characterized endogenous and exogenous expression of key TAAs for immuno-oncology studies.
- **Proven Track Record *In Vivo*:** keep studies on track with cell lines already validated for *in vivo* growth.

Xenograft Models

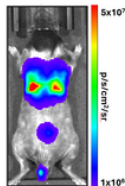


**Nalm6-Fluc-Neo/
eGFP-Puro**
CL150
1x10⁶ cells IV
Day 33, SCID

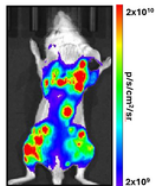


**K562-Fluc-Puro/
HuBCMA-Neo**
CL192
2x10⁶ cells IV
Day 15, NSG

Syngeneic Models



B16F10-Fluc-Puro
CL052
5x10⁵ cells IV
Day 16, C57Bl/6

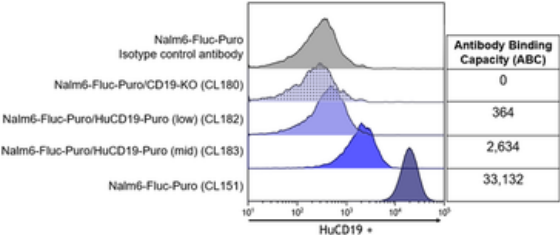


4T1-Fluc-Neo
CL126
1x10⁶ cells IV
Day 26, Balb/c

Tumor Antigen Panels

Evaluate targeted cancer therapies with thoughtfully-designed TAA panels that include cell lines engineered with varied levels of key tumor antigens, such as CD19, and BCMA.

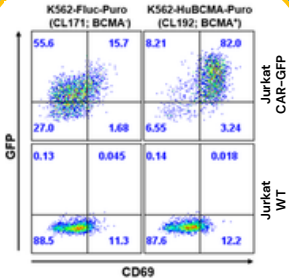
Comparison of CD19 Expression in Nalm6 Panel



Choosing a Cell Line

Meaningful characterization data and hands-on technical support to choose the best cell line for each application.

We make custom cell lines!
Contact us to learn more.



Wild-type or BCMA-CAR-GFP Jurkat T cells were incubated with the indicated K562 cell lines. Flow cytometry was performed for GFP and CD69 (marker of T cell activation).

Order
Here



Dependable Performance

- ✓ Integrated transgenes for stable longitudinal expression.
- ✓ Robust viability, sterility, identity, and transgene quality checks for dependable cell line performance.
- ✓ Expert technical support from the scientists who create our cell lines.

Product Overview

Disease	Xenograft Models	Syngeneic Models
Leukemia	Nalm6	C1498
CML	K562	-
Lymphoma	Daudi, Raji	A20
Multiple Myeloma	U266B1, RPMI-8226	-
Melanoma	A375	B16F10
Lung Carcinoma	A549	LL/2
Fibrosarcoma	HT1080	-
Prostatic Adenocarcinoma	PC3	-
Mammary Carcinoma	-	4T1
Hepatoma	-	Hepa1-6
Colorectal Carcinoma	HCT116	CT26.WT