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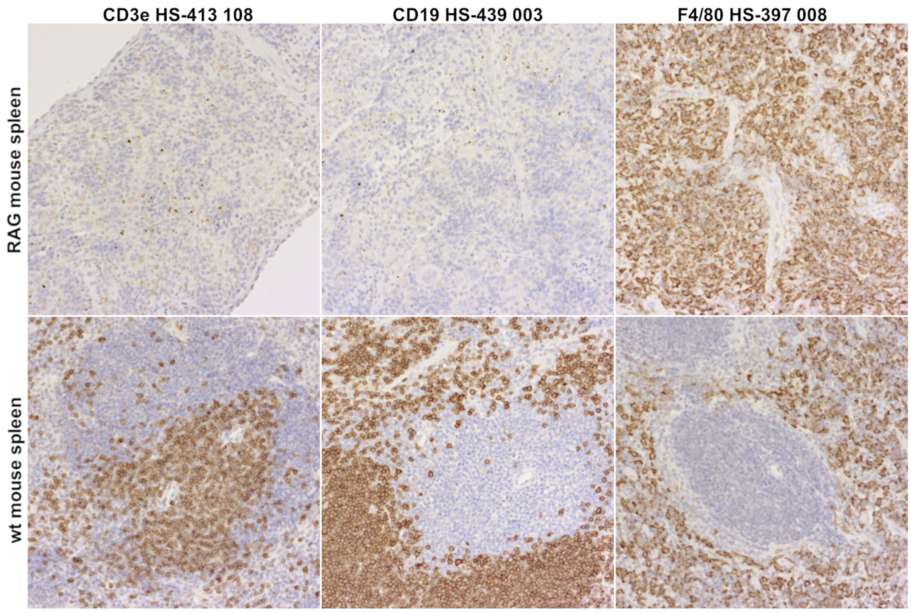
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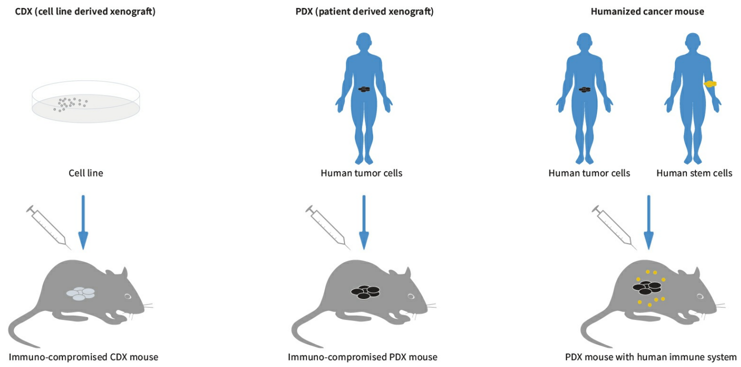
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Schematic Illustration of CDX, PDX and Humanized Mice for Human Cancer Research



HistoSure A SySy brand

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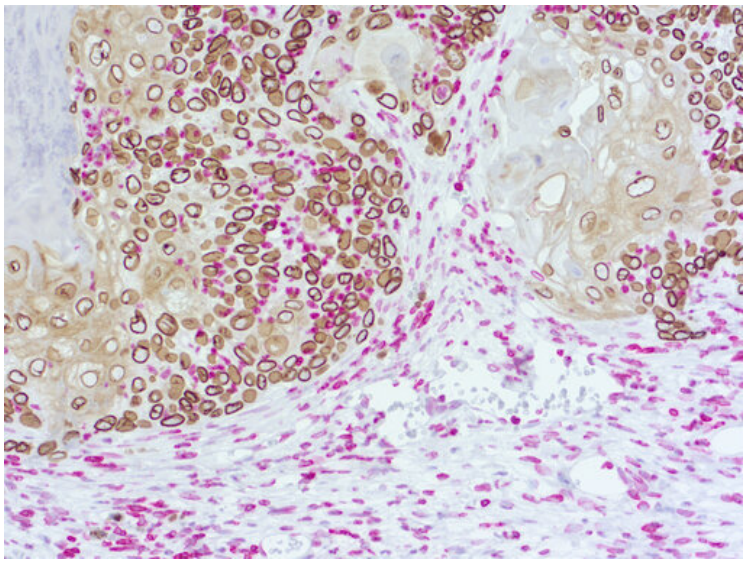
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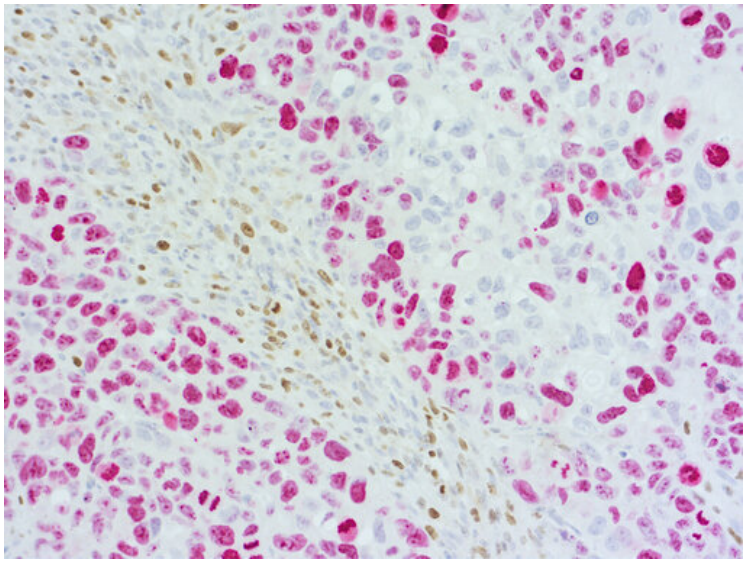


图3a免疫组织化学-石蜡 Lamin B1 (cat.no. HS-404 017; DAB, 棕色) 免疫荧光-石蜡 Lamin B1 (cat.no. HS-404 003; AP-RED, 红色)人扁桃体组织

图 3b免疫组织化学-石蜡 Ki67 (cat.no. HS-398 003; AP-RED, 红色) 免疫荧光-石蜡Ki67 (cat.no. HS-398 117; DAB, 棕色)人扁桃体组织

图 4 7 (CK7)免疫组织化学II型石蜡包埋组织切片使用HistoSure免疫组织化学-CK7试剂盒检测CK7在人肺腺癌组织中的表达

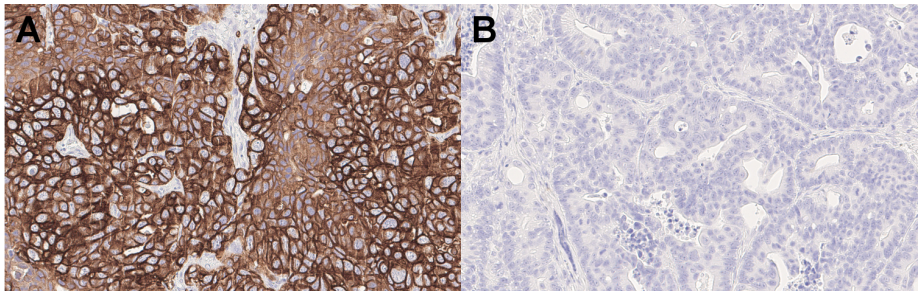


图4免疫组织化学-石蜡 7 (cat. no. HS-454 017, 稀释度 1:100, DAB)人肺腺癌组织切片A图 使用 CK7-特异性抗体检测B) 使用CK7-特异性抗体检测人肺腺癌组织切片

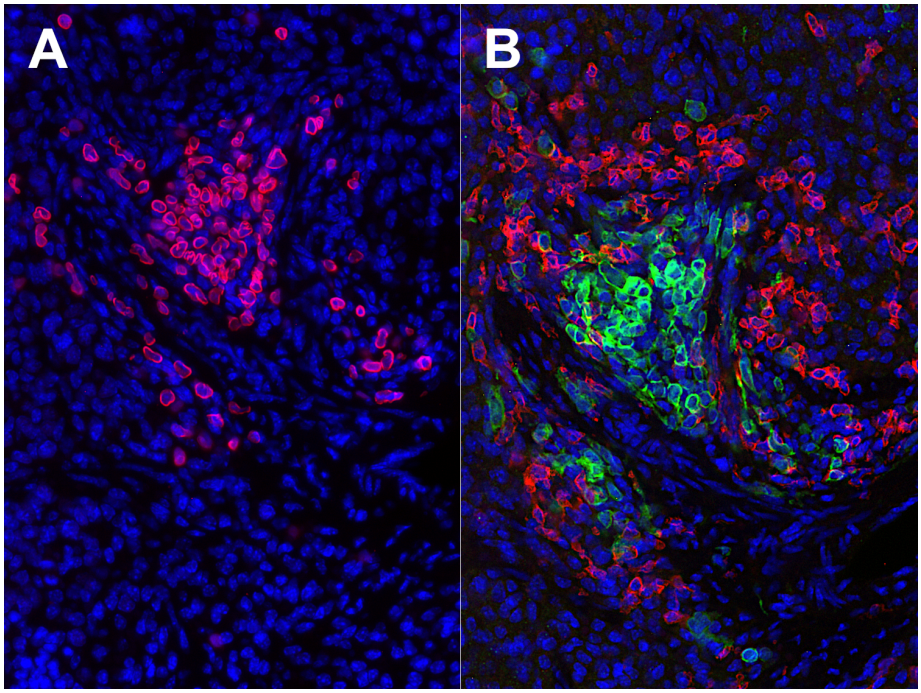
使用CK7特异性抗体检测人肺腺癌组织切片

相关产品

(HSCs) (Hess et al., 2020; Curran et al., 2019) (Mian et al., 2021) PBMCs T B NSG B T HSC (reviewed in Curran et al., 2019)

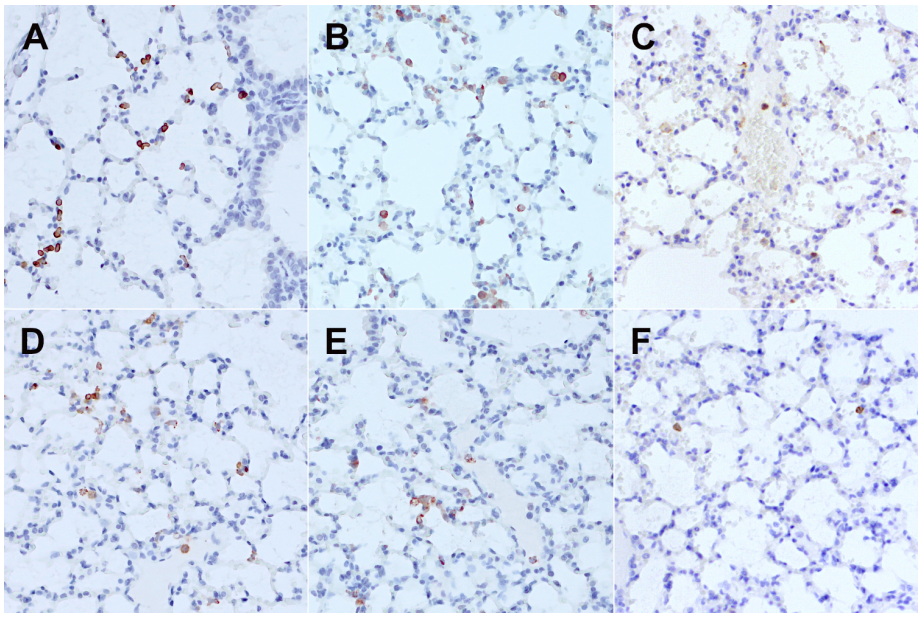
HistoSure

CD45 C 5



5 A Lamin B1 (HS-404 017, 1:100,) B - CD45 (HS-427 003, 1:500,) - CD45 (HS-427 017, 1:100,)DAPI

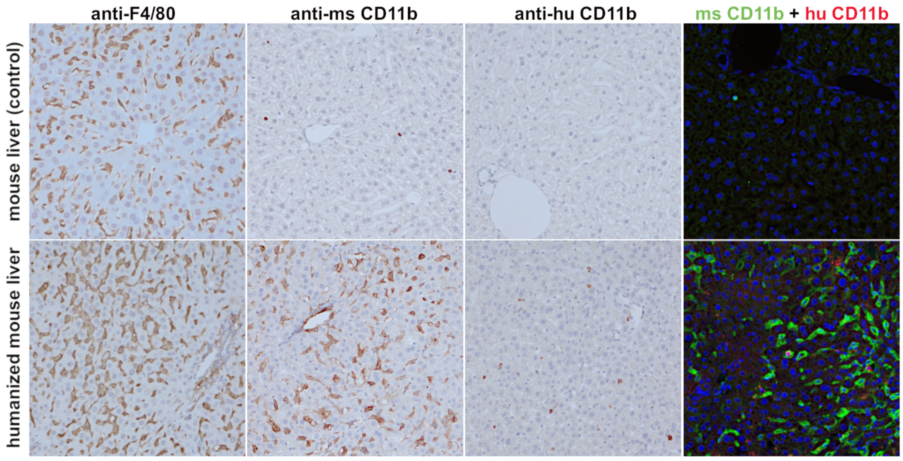
6CD11b+ CD68+ CD3e+ T



6A Lamin B1 (HS-404 017, 1:100)B - CD45 (HS-427 003, 1:1000) C - CD45 (HS-427 017, 1:100) D - CD11b (HS-384 017, 1:100)E - CD68 (HS-460 017, 1:100) F - CD3e (HS-413 017, 1:750)

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☒7☒☒☒☒☒☒☒☒-F4/80 (HS-397 008, 1:100)☒☒☒☒☒☒☒☒☒-☒☒CD11b (HS-384 117, 1:100)☒☒☒☒☒☒☒☒☒-☒☒CD11b (HS-384 017, 1:100)☒☒-☒☒CD11b (HS-384 117, 1:100; ☒☒)☒☒☒☒-☒☒CD11b (HS-384 017, 1:100; ☒☒)☒☒☒☒☒☒☒☒☒☒☒☒☒☒DAPI☒☒☒☒☒☒

☒☒☒Christel Bonnas☒☒
HistoSure☒☒☒☒

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Cat. No.	Product Description	Application	Quantity	Price	Cart

HS-384 017	CD11b, rat, IgG *human specific*	WB IHC-P (FFPE)	200 µl	US$420.00
HS-384 117	CD11b, rat, IgG *mouse specific*	WB IHC IHC-P (FFPE) IHC-Fr	200 µl	US$420.00
HS-439 003	CD19, rabbit, affinity *mouse specific*	WB ICC IHC IHC-P (FFPE)	200 µl	US$375.00
HS-413 108	CD3e, rabbit, recombinant IgG *mouse specific*	IHC IHC-P (FFPE)	100 µl	US$420.00
HS-427 003	CD45, rabbit, affinity *human specific*	WB ICC IHC-P (FFPE)	50 µg	US$375.00
HS-427 017	CD45, rat, IgG *mouse specific*	IHC IHC-P (FFPE) IHC-Fr	200 µl	US$420.00
HS-397 008	F4/80, rabbit, recombinant IgG	WB IHC IHC-P (FFPE)	100 µl	US$420.00
HS-404 003	Lamin B1, rabbit, affinity *mouse specific*	WB ICC IHC IHC-P (FFPE)	200 µl	US$375.00

Result count: **8**

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Yue et al., 2014: A comparative encyclopedia of DNA elements in the mouse genome. PMID: 25409824

Mestas et al., 2004. Of mice and not men: differences between mouse and human immunology. PMID: 14978070

Walsh et al., 2017: Humanized mouse models of clinical disease. PMID: 27959627

Panaampon et al., 2021. Establishment of Nude Mice Lacking NK Cells and Their Application for Human Tumor Xenografts. PMID: 33906298

Vladutiu 1993. The severe combined immunodeficient (SCID) mouse as a model for the study of autoimmune diseases. PMID: 8324894

Belizário 2009. Immunodeficient mouse models: An Overview. DOI: 10.2174/1874226200902010079

Mombaerts et al., 1992. RAG-1-deficient mice have no mature B and T lymphocytes. PMID: 1547488

Shinkai et al., 1992. RAG-2-deficient mice lack mature lymphocytes owing to inability to initiate V(D)J rearrangement. PMID: 1547487

Pan et al., 2022. Patient-derived xenograft models in hepatopancreatobiliary cancer. PMID: 35090441

Choi et al., 2018. Studying cancer immunotherapy using patient-derived xenografts (PDXs) in humanized mice.

Olson et al., 2018. Mouse Models for Cancer Immunotherapy Research. PMID: 30309862

Koga et al., 2019. Systematic Review of Patient-Derived Xenograft Models for Preclinical Studies of Anti-Cancer Drugs in Solid Tumors. PMID: 31064068

Tian et al., 2020. Humanized Rodent Models for Cancer Research. PMID: 33042811

Evangelisti et al., 2021. The wide and growing range of lamin B related diseases: from laminopathies to cancer. PMID: 35132494

Hess et al., 2020. Different Human Immune Lineage Compositions Are Generated in Non-Conditioned NBSGW Mice Depending on HSPC Source. PMID: 33193358

Mian et al., 2021. Advances in Human Immune System Mouse Models for Studying Human Hematopoiesis and Cancer Immunotherapy. PMID: 33603749

Shan et al., 2020. Hepatic Macrophages in Liver Injury. PMID: 32362892