How monoclonal produced in MAU?

Request antibody service via MAU Website

(http://zff.imcb.a-star.edu.sg:8080/imcbmau/)

2-3 months — **Immunization**

½ day — **Splenocyte** **Myeloma Cell**

2 weeks — **Fusion**

Hybridoma

2 weeks — **Selection and Expansion of Positive Clones**

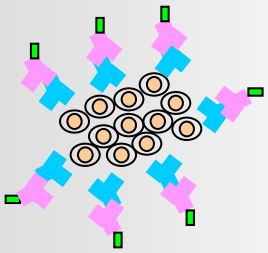
2 weeks — **Subcloning**

1 week — **Selection and Expansion of Positive Clones; Ig Isotyping**

3-4 weeks — **Ascites Production**

2-3 months

ClonePix^{FL} technology



Hybridoma colony
Antigen-specific mAb
FITC-conjugated CloneDetect

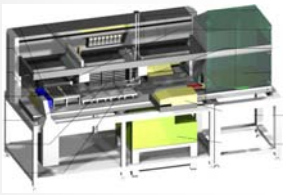
Use direct addition of fluorescence- tagged protein to detect antibody producing hybridomas.

DropArray™ technology

Allows miniaturization of bioassays.

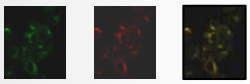
High Throughput Liquid Handling System

Automation help reduce time and human error during repeated pipetting.



ImageXpress ^{Micro}

High throughput cell imaging and data analysis.



Rabbit polyclonal Ab Mouse mAb Merge