

STANDARD OPERATING PROCEDURE

Title: Antibody Production at Epitomics

SOP#: M-129

Version #: 1

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Date Approved:

Date Modified:

1. PURPOSE

This procedure is to describe the methods used by Epitomics Laboratory, Incto produce and grow up monoclonal antibodies for the Clinical Proteomic Technologies for Cancer (CPTC) program.

2. SCOPE

This document describes the procedure for production and growth of monoclonal antibodies to specific cancer related target proteins.

3. RESPONSIBILITIES

It is the responsibility of the person(s) preparing these reagents to be familiar with lab safety procedures and to have basic laboratory skills.

4. EQUIPMENT

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5. REAGENTS

- Antigen for desired cancer related protein

6. PROCEDURE

6.1. Immunization Strategy

- 6.1.1. SOP in Preparation

6.2. Cellular Fusion

- 6.2.1. SOP in Preparation

6.3. Limited Dilution Cloning

- 6.3.1. SOP in preparation

6.4. Freezing Suspension Cell Lines

6.4.1. SOP in Preparation

6.5. Direct ELISA

6.5.1. SOP in Preparation

7. REFERENCED DOCUMENTS

7.1.