Combination of rAd-p53 in situ gene therapy and anti-PD-1 antibody

immunotherapy induced anti-tumor activity in mouse syngeneic urogenital cancer

models

Naoto Kunimura¹, Koichi Kitagawa¹, Ryota Sako¹, Keita Narikiyo¹, Shoko Tominaga¹,

Diosdado S. Bautista², Wei Xu², Masato Fujisawa³, Toshiro Shirakawa^{1,3}

Affiliations

1. Department of Advanced Medical Science, Kobe University Graduate School of Science,

Technology and Innovation, Kobe, Japan

2. Sibiono GeneTech Co. Ltd., Shenzhen, China

Division of Urology, Kobe University Graduate School of Medicine, Kobe, Japan 3.

*Corresponding author:

Toshiro Shirakawa MD, PhD.

Professor

Department of Advanced Medical Science, Kobe University Graduate School of Science,

Technology and Innovation, 7-5-1, Kusunoki-cho, Chuo-ku, Kobe, 650-0017, Japan

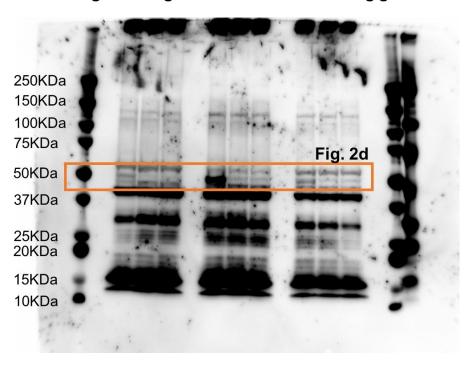
Tel.: +81-78-382-5681

Fax: +81-78-382-5715

E-mail: toshiro@med.kobe-u.ac.jp

Running title: Combination of rAd-p53 and ICI for urogenital cancers

Original Image of P53 Western Blotting gel



Original Image of β-actin Western Blotting gel

Using the same gel of p53 Western blotting, washed and then re-stained with anti- β -actin antibiody.

