

## Certificate of Analysis

**Product name/description :**

**Anti-Bromodeoxyuridine, Monoclonal  
 (Clone BU6-4)**

**Code No :** M050  
**Lot No :** AA07516C  
**Storage Condition :** 4 degrees C \*  
**Expiration Date :** July 2014

**Package Contents :**

- |  |                 |
|--|-----------------|
| 1. Anti-Bromodeoxyuridine, Monoclonal<br>(Lyophilized)         | 0.1 mg mouse Ig |
| 2. Reconstitution Solution<br>(0.1% NaN <sub>3</sub> in water) | 0.5 ml          |

\* : Shipping at below RT

**Source :**

**Antibody :**

Monoclonal antibody was produced from the established hybridoma obtained by fusing the mouse myeloma cell line P3U1 with spleen cells of BALB/c mouse after immunization with bromodeoxyuridine conjugate. The monoclonal antibody was harvested from ascitic fluid.

**Bovine Serum Albumin (BSA) :**

Manufactured from the plasma of animals of 100% Australian origin that have undergone veterinary ante- and post-mortem inspection.

**Quality Control :**

The lyophilized antibody was dissolved in 50 µl of the supplied Reconstitution Solution. The antibody dilutions were applied for ELISA assay by colorimetric detection using a microtiter plate immobilized with BSA-Bromodeoxyuridine. The expected antibody titeration was obtained.

**Manufacturing Control :**

Purification : Antibody was purified by ammonium sulfate precipitation and column chromatography from ascites. The antibody was dissolved in 10 mM PBS, pH7.4, containing 1.0% bovine serum albumin and then lyophilized.

BSA treatment : Process performed to inactivate pathogenic viral agents : The BSA was manufactured using temperatures in excess of 65°C and pHs <5.0.

It is certified that this product meets above specifications.

Approved By:

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Yoshiko Kubota  
Manager, Quality Assurance  
TAKARA BIO INC.

**Safety Information :**

Please refer to our website (\*) for safety information :

(\*)Japanese customers : <http://www.takara-bio.co.jp>

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**Notice To Purchaser :**

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