

Certificate of Analysis

Product name/description :

**Anti-Bovine Osteocalcin, Monoclonal
 (Clone OCG2)**

Code No : M042
Lot No : AA07515C
Storage Condition : 4 degrees C *
Expiration Date : August 2014

Package Contents :

- | | |
|--|-----------------|
| 1. Anti-Bovine Osteocalcin, Monoclonal
(Lyophilized) | 0.1 mg mouse Ig |
| 2. Reconstitution Solution
(0.1% NaN ₃ 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 bovine bone osteocalcin. 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 synthetic human osteocalcin peptide. The expected antibody titration was obtained.

Manufacturing Control :

Purification : Antibody was purified by ammonium sulfate precipitation and column chromatography from mouse 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:

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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