

Certificate of Analysis



Product name/Description: Anti-Human Osteocalcin, Monoclonal (Clone 5-12H)

Cat. #: M184

Lot #: Specified on product label

Storage Condition: 4 degrees C

Expiration Date: 2 years from date of receipt under proper storage condition

Package Size: 0.1 mg

Package Contents: 1. Anti-Human Osteocalcin, Monoclonal (Clone 5-12H) 0.1 mg

Product Documents: Documents for Takara Bio products are available for download at www.takara-bio.com

Source: Antibody:
Monoclonal antibody was produced from the established hybridoma obtained by fusing the mouse myeloma cell line P3U1 with spleen cells of C57BL6 mouse after immunization with KLH-conjugated peptide from human osteocalcin sequence (amino acids 1-6 ; YLYQWL). The monoclonal antibody was harvested from ascitic fluid of scid mouse.

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 Data: The lyophilized antibody was dissolved in 50 µl of dH2O. The antibody dilutions were applied for ELISA assay by colorimetric detection using a microtiter plate immobilized with human sythetic osteocalcin peptide-BSA conjugate. The expected antibody titration was obtained.

Manufacturing Control:
Purification:
Antibody was purified by column chromatography, dissolved in 10 mM PBS, pH7.4, containing 1.0% bovine serum albumin, and then lyophilized.
The lyophilized antibody does not contain preservative.

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.

Manager, Quality Assurance
TAKARA BIO INC.

Safety Information :

Please refer to our website for safety information :

<http://www.takara-bio.com>

Notice To Purchaser :

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals. Also, do not use this product as food, cosmetic, or household item, etc.

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<http://www.takara-bio.com>

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