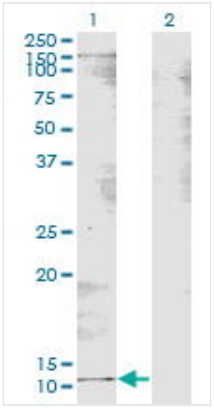
# B2M Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | B2M, Monoclonal Antibody |
| **Full Product Name** | B2M (beta-2-microglobulin) (Biotin) |
| **Product Gene Name** | anti-B2M antibody |
| **Product Synonym Names** | beta-2-microglobulin |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a,k |
| **Clone Number** | 3F2 |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin. |
| **Purity/Purification** | Purified |
| **Specificity** | Recognizes B2M. |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| **Immunogen** | Native purified human B2M. |
| **Conjugate** | Biotin |
| **Product Categories/Family for anti-B2M antibody** | Antibodies; Serum Proteins |
| **Applications Tested/Suitable for anti-B2M antibody** | ELISA (EIA), Western Blot (WB) |
| **Application Notes for anti-B2M antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-B2M antibody** | This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia. |
| **Other Notes** | Small volumes of anti-B2M antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for B2M purchase** | MBS6173182 is an antibody targeting B2M. Also known as B2M (beta-2-microglobulin) (Biotin). Reactive in Human. Host: Mouse. |




**Western Blot (WB) of anti-B2M antibody**
Western Blot analysis of expression in transfected 293T cell line using. Lane 1: transfected lysate (Predicted MW: 13.7KD). Lane 2: Non-transfected lysate.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for B2M. It may not necessarily be applicable to this product.

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| **Protein Family** | Beta-2-microglobulin |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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