

## Datasheet

### **B2M monoclonal antibody, clone B2M-01 (PE)**

**Catalog Number:** MAB6503

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against B2M.

**Clone Name:** B2M-01

**Immunogen:** Purified isolated human B2M.

**Host:** Mouse

**Theoretical MW (kDa):** 12

**Reactivity:** Human

**Applications:** ELISA, Flow Cyt, IHC-P, RIA, WB-Ce  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody reacts with beta2-microglobulin (B2M) associated with cell-surface MHC Class I molecules and other membrane antigens as well as with soluble beta2-microglobulin.

**Form:** Liquid

**Conjugation:** PE

**Concentration:** 0.1 mg/mL

**Isotype:** IgG2a

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.2% BSA, 0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 567

**Gene Symbol:** B2M

**Gene Alias:** -

**Gene Summary:** 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]