

β2 Microglobulin Monoclonal Antibody

CATALOG NO:	A1025-100
AMOUNT:	100 µg (1 mg/ml)
ALTERNATE NAMES:	B2M, Beta-2-microglobulin
CLONE:	2F1
HOST/ISOTYPE:	Mouse IgG
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified using protein G
FORM:	Liquid
FORMULATION:	Supplied in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide. Protein was determined by OD280 absorbance.
STORAGE CONDITIONS:	Store at 4°C. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	B2M 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. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia. Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
APPLICATION:	Western blot: 1-5 µg/ml ELISA

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

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