

Datasheet

B2M monoclonal antibody (M01), clone 3F9-2C2

Catalog Number: H00000567-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant B2M.

Clone Name: 3F9-2C2

Immunogen: B2M (AAH32589, 1 a.a. ~ 119 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MSRSVALAVLALLSLSGLEAIQRTPKIQVYSRHPAENG
KSNFLNCYVSGFHPDIEVDLLKNGERIEKVEHSDLSF
SKDWSFYLLYYTEFTPTEKDEYACRVNHVTLSPKIVK
WDRDM

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, PLA-Ce, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr
(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

Isotype: IgG2b kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. 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]

References:

1. MHC-I expression renders catecholaminergic neurons susceptible to T-cell-mediated degeneration. Cebrian C, Zucca FA, Mauri P, Steinbeck JA, Studer L, Scherzer CR, Kanter E, Budhu S, Mandelbaum J, Vonsattel JP, Zecca L, Loike JD, Sulzer D Nat Commun. 2014 Apr 16;5:3633. doi: 10.1038/ncomms4633.