

β 2 Microglobulin Monoclonal Antibody

Mouse Monoclonal Antibody

Catalog # ABV11735

Product Information

Application	WB, E
Primary Accession	P61769
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG

Additional Information

Application & Usage	Western blot: 1-5 μ g/ml; ELISA
Alias Symbol	B2M
Other Names	B2M, Beta-2-microglobulin
Appearance	Colorless liquid
Formulation	100 μ g (1mg/ml) of antibody in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide.
Reconstitution & Storage	-20 $^{\circ}$ C
Background Descriptions	
Precautions	β 2 Microglobulin Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.