

Product Details

Summary

Product name	Anti B2M mouse monoclonal antibody(1F6)
description	<p>B2M, also known as β2-Microglobulin or CDABP92, is a component of MHC class I molecules found expression in all nucleated cells (excludes red blood cells). The major function of MHC class I molecules is to display fragments of proteins from within the cell to T-cells and cells containing foreign proteins will be attacked. B2M (β2-Microglobulin) is a low molecular weight protein. It was demonstrated that B2M (β2-Microglobulin) was localized in the membranes of nucleated cells and was found to be associated with HL-A antigens. B2M(β2- Microglobulin) is present in free form in various body fluids and as a subunit of histocompatibility antigens on cell surfaces lateral to the α3 chain. Unlike α3, β2 has no transmembrane region. Directly above β2 lies the α1 chain, which itself is lateral to the α2. In the absence of B2M(β2 microglobulin), very limited amounts of MHC class I (classical and non-classical) molecules can be detected on the surface. In the absence of MHC class I, CD8 T cells, a subset of T cells involved in the development of acquired immunity cannot develop. Low levels of B2M(β2 microglobulin) can indicate non-progression of HIV.</p>
Alternative names	B2M, Beta-2-microglobulin
Endotoxin level	Please contact with the lab for this information.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze thaw cycles.</p> <p>Store at 2 to 8 °C for one week .</p> <p>Store at -20 to -80 °C for twelve months from the date of receipt.</p>
Source	Ascites
Isotype	IgG1
Host	Mouse
Clonality	Monoclonal
Clone No.	1F6
Conjugation	Unconjugated



Catalog Number:ATMA10012Mo

Anti B2M mouse monoclonal antibody(1F6)

Species reactivity	Homo sapiens (Human)
Tested applications	IHC,ELISA
Immunogen	Recombinant protein of full length human beta-2-microglobulin

Product performance

Form	Liquid
Buffer	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	Please refer to the instruction in the hard copy of COA.

Note

For research use only.

