

Mouse Monoclonal Antibody to B2M

Catalogue Number	sAP-0890
Target Molecule	Name: B2M Aliases: MW: 13.7kDa Entrez Gene ID: 567
Description	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. ;
Immunogen	Purified recombinant fragment of human B2M (AA: 21-100) expressed in E. Coli.
Recitative Species	Human;
Clone	MM4G5A1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cancer Immunol Immunother. 2012 Sep;61(9):1359-71. ; 2. Lupus. 2012 Sep;21(10):1098-104. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**