

### 36-3047: Anti-Beta-2 Microglobulin (Renal Failure & Tumor Marker) Monoclonal Antibody(Clone: SPM374)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SPM374
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	B2M
<b>Gene ID :</b>	567
<b>Uniprot ID :</b>	P61769
<b>Alternative Name :</b>	B2M; Beta 2 microglobin; Beta 2 microglobulin; Beta chain of MHC class I molecules; Beta-2-microglobulin form pl 5.3; Hdcma22p
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Human PBL's from a T-cell acute lymphoblastic leukemia (T-ALL) patient

#### Description

Recognizes a protein of 12kDa, identified as microglobulin. Beta-microglobulin non-covalently associates with the 44kDa chain to form the HLA Class I antigen complex. Human eta-microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes. This MAb is specific to human microglobulin and does not react with non-human primate cells. This antibody reacts with all cell types excluding erythrocytes. The detection of 2microglobulin in body fluids has been used as a tumor marker and for monitoring patients with HIV infection.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);