

## Monoclonal Antibody to Mitochondria - Purified

<b>Catalog No.:</b>	BM608
<b>Quantity:</b>	0.2 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	AE-1
<b>Immunogen:</b>	Raji Burkitt's lymphoma cells
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Protein A chromatography <b>Buffer System:</b> PBS containing 0.09% sodium azide
<b>Applications:</b>	Flow cytometry (membrane permeabilisation is required). Immunofluorescence. Immunohistochemistry: Frozen and Formalin fixed paraffin embedded tissue sections are suitable. Use muscle tissue for positive control. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody shows specific reactivity to a 60 kD mitochondrial antigen and stains mitochondria in all human cell types. A 'tangled' pattern is given in fibroblasts. A perinuclear, large speckled staining is shown in lymphoid cells. <b>Species:</b> Human, Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Murata, T. et al. (2000) J. Gen. Virol. 82: 401-406