

**BM246S****Monoclonal Antibody to B-Cells - Liquid**

<b>Quantity:</b>	1 ml
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Clone:</b>	MB3
<b>Immunogen:</b>	Isolated from Human lymphocytes.
<b>Format:</b>	<b>State:</b> Liquid Concentrate <b>Buffer System:</b> Stabilizing phosphate buffer, pH 7.3 <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>Immunoblotting.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <b><i>Recommended Dilutions:</i></b> 1/5-1/20. <b><i>Positive Control:</i></b> Lymph nodes, Tonsil. <b><i>Incubation time:</i></b> 60 min at RT. <b><i>Pretreatment:</i></b> No protease pre-treatment required, blocking of endogenous peroxidases is recommended. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody MB3 is an excellent marker of all B cells. It is especially well suited for the immunocytochemical and histochemical detection of B cells in formaldehyde fixed tissue (also Bouin's fixative). It is used for the immunophenotyping of lymphoma and multiple myeloma. It does not react with normal T cells but only with activated ones. In non-haematopoietic tissue MB3 especially reacts with histiocytes, glandular epithelia, smooth muscle, endothelial cells and peripheral nerve tissue. MB3 recognizes a 31 kDa protein fraction on human B-lymphocytes.
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Storage:</b>	Store undiluted 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>	1. Poppema S, Hollema H, Visser L, Vos H. Monoclonal antibodies (MT1, MT2, MB1, MB2, MB3) reactive with leukocyte subsets in paraffin-embedded tissue sections. <i>Am J Pathol.</i> 1987 Jun;127(3):418-29. PubMed PMID: 3296769. 2. Fukuda T, Ohnishi Y, Hasegawa T, Kakiyama T, Usuda H. Distribution of antigens detected with MB1, MB2 and MB3 on non-hematopoietic human organs and various tumors. <i>Acta Pathol Jpn.</i> 1992 May;42(5):339-46. PubMed PMID: 1636436.