

Monoclonal Anti-human CD20-GC epitope

Product reference: DDX0110

Description

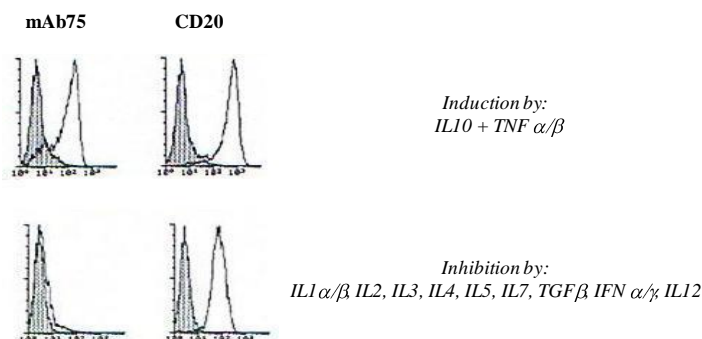
A monoclonal antibody mAb75 has been generated which binds to germinal center B cells but not to naïve / memory cells. It also binds to some Burkitt's lymphomas and to all Hairy cell leukemias tested. The CD20 epitope recognized by mAb75 became detectable on naïve B cells in response to TNF- α/β and/or IL10. Interestingly IL4, IFNs and TGF β are strong antagonists to mAb75 epitope induction. Ligation of mAb75 epitope was found to enhance B cell growth. (*Meffre G. et al, unpublished data*)

Clone:	mAb75
Species:	mouse
Specificity:	human CD20 on germinal center B cells and B cells of hairy cell leukaemia
Immunogen:	human tonsil germinal center B cells
Species cross-reactivity:	nd
Isotype:	IgM
Purification:	QMA Hyper D ion exchange chromatography
Formulation/size:	Purified: 100 μg in 200 μl / 50 μg in 100 μl Tris-NaCl pH 8
	Coupled: 100 μg in 200 μl / 50 μg in 100 μl PBS 50% glycerol

Available formats:

Reference		Format	Application tested
50 μg	100 μg		
DDX0110P-50	DDX0110P-100	purified	Flow cytometry, B cell growth induction

Applications tested:



Cytokine regulation of the expression of the molecule recognized by mAb75

Usage recommendation:

- *This monoclonal antibody may be used between 1-10 $\mu\text{g}/\text{ml}$.
- *Optimal dilution should be determined by each laboratory for each application.
- *Coupled antibody: to maintain RT before use.

Aliquot storage conditions: **-20°C. KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only