Product datasheet

anti-mature B Cells (CD21) mouse monoclonal, B-ly-4, supernatant

Short overview

Cat. No.	10906
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	B-ly-4
Immunogen	Isolated from E.B.V.-transformed lymphoblastoid cell line
Formulation	Contains 0.09% sodium azide
UniprotID	P20023 (Human)
Synomym	Complement receptor type 2, Cr2, Complement C3d receptor, Epstein-Barr virus receptor, EBV receptor, CD antigen CD21, CR2, C3DR
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC, WB
Reactivity	Human

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:5-1:10
Immunohistochemistry (IHC) - paraffin	1:5-1:10 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

Background

Reacts with a type I integral membrane glycoprotein (Mr 140 kD), present on a subpopulation of B-cells (mature B-cells) and on dendritic reticulum cells. No cross-reactivity with other lymphoid cells was observed. CD 21 antigen (also called CR2) is the receptor for C3d and for EBV. The antibody is useful for typing of mature leukemias and lymphomas.

Product images



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