anti-human CD21 PE-conjugated

The antibody LT21 reacts with CD21 (CR2), a 145 kDa transmembrane glycoprotein (complement C3d receptor – C3dR) expressed on B lymphocytes, follicular dendritic cells, some epithelial cells and a subset of T lymphocytes. It is not expressed on immature B cells.

CD21 (complement receptor 2, CR2) binds C3 complement fragments, especially its breakdown fragments, which remain covalently attached to complement activating surfaces or antigen. CD21 has important roles in uptake and retention of immunocomplexes, survival of memory B cells and in development and maintenance of the humoral response to T-dependent antigens. CD21 also serves as a key receptor for Epstein-Barr virus binding and is involved in targeting prions to folicular dendritic cells and expediting neuroinvasion following peripheral exposure to prions. A soluble form of the CD21 (sCD21) is shed from the lymphocyte surface and retains its ability to bind respective ligands.

Clone:	LT21
Isotype:	Mouse IgG1
Species Reactivity:	human, porcine, bovine
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with R-Phycoerythrin (R-PE)
Buffer:	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997).
Quantity:	1.0 ml
Order N°:	H12156P

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

This material is offered for **research only**. Not for use in human. For in vitro use only.
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