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30-2198: Anti-CD21 Monoclonal Antibody (Clone:LT21)-PE Conjugated

Clonality: Monoclonal

Clone Name: LT21

Application: FACS, IHC-Fr

Reactivity: Human, Pig, Bovine, Dog

 Conjugate :
 PE

 Gene :
 CR2

 Gene ID :
 1380

 Uniprot ID :
 P20023

 Alternative Name :
 CR2,C3DR

 Isotype :
 Mouse IgG1

Immunogen Information: IM9 human B-lymphoblastoid cell line

Description

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.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

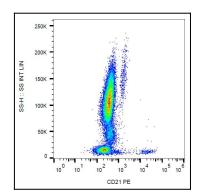


Figure 1: Surface staining of human peripheral blood leukocytes with anti-CD21 (LT21) PE.