

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103 Irvine, CA 92618

Technical Data Sheet

APC Anti-Human CD21

Catalog Number: 108913, 108914

Size: 25 tests, 100 tests

Target Name: CD21, Complement C3d receptor (C3dR), complement receptor 2 (CR2),

Epstein-Barr virus receptor Regulatory Status: RUO

Product Details

Clone: THB5
Application: FC
Reactivity: Human
Format: APC

Isotype: Mouse IgG2a **Antibody Type:** Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v)

BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and

protected from prolonged exposure to light. Do not freeze.

Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Red Laser (633 nm)

Background Information

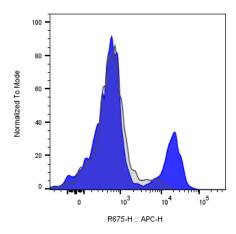
Complement receptor type 2 (CR2), also known as complement C3d receptor, Epstein–Barr virus receptor, and CD21 (cluster of differentiation 21), is a protein that in humans is encoded by the CR2 gene. CR2 is involved in the complement system. It binds to iC3b (inactive derivative of C3b), C3dg, or C3d.[5] B cells express CR2 on their surfaces, allowing the complement system to play a role in B-cell activation and maturation.

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Human peripheral blood lymphocytes stained either APC Anti-Human CD21 clone THB5 (color-filled histogram) or an isotype control (gray histogram).