

Anti-CD21 [BU35]

Catalogue number: 153217

Sub-type:

Images:

Contributor

Inventor: Margaret Goodall

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD21 [BU35]

Alternate name: Complement receptor type 2; CR2; complement C3d receptor, C3DR, Epstein-Barr virus receptor

Class: Monoclonal

Conjugate: Unconjugated

Description: Cluster of differentiation 21 (CD21) is a protein encoded by the CR2 gene in humans. It is involved in the complement system and binds to iC3b (an inactive derivative of C3b). B cells are known to have CR2 receptors on their surfaces allowing the complement system to act in B-cell maturation and activation. Genetic variations are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9) which is a chronic autoimmune disease with an inflammatory, and often febrile multisystemic disorder of connective tissue characterized principally by involvement of the skin, joints, kidneys, and serosal membranes.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: B lymphoblastoid cell line: HFB1

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD21

Target alternate names:

Target background: Cluster of differentiation 21 (CD21) is a protein encoded by the CR2 gene in humans. It is involved in the complement system and binds to iC3b (an inactive derivative of C3b). B cells are known to have CR2 receptors on their surfaces allowing the complement system to act in B-cell maturation and activation. Genetic variations are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9) which is a chronic autoimmune disease with an inflammatory, and often febrile multisystemic disorder of connective tissue characterized principally by involvement of the skin, joints, kidneys, and serosal membranes.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Bosshart et al. 1998. Blood. 92(7):2252-9. PMID: 9746762. ; Fondaneche et al. 1998. Hum Mol Genet. 7(5):879-85. PMID: 9536093.

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