

Anti-CR2 [21A/5]

Catalogue number: 151354

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CR2 [21A/5]

Alternate name: Complement Component 3d Receptor 2; Epstein-Barr Virus Receptor 2; Complement C3d Receptor; EBV Receptor; C3DR; CD21 Antigen; CVID7; SLEB9; CD21; Cr2; CR

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody directed against CR2, involved in allergic responses and inflammatory diseases.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: CD21

Immunogen UNIPROT ID: P20023

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Complement component (3d/Epstein Barr virus) receptor 2 (CR2, CD21)

Target alternate names:

Target background: CR2 is expressed strongly on mature B cells, follicular dendritic cells and weakly on immature thymocytes and T lymphocytes. In B-cell ontogeny, CR2 appears after the pre-B-stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CR2 expression is also gradually lost after stimulation of B cells in vitro. CR2 functions as a receptor for C3d, C3dg and iC3b Complement components and for EBV and for IFN alpha. CR2 binds to CD23 and as...

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ono N et al. 1997. CD20 Workshop Panel report. In Kishimoto T et al (eds) Leucocyte Typing VI. Garland Publishing Inc., New York and London, p 135-137.

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