

# Anti-CD21L [R4/23] mAb

**Catalogue number:** 151355

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Jacqueline Cordell

**Institute:** University of Oxford

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CD21L [R4/23] mAb

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

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** R4/23 recognises the long form of CR2 and can be used to identify dendritic reticulum cells (or their remnants) in lymphoid tissues.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgM

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Cell lysate from a chronic lymphocytic leukemia patient.

**Immunogen UNIPROT ID:**

**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; long form (CR2, CD21L)

**Target alternate names:**

**Target background:** CR2 is expressed strongly on mature B cells, follicular dendritic cells and weakly on immature thymocytes and T lymphocytes. CR2 functions as a receptor for C3d, C3dg and iC3b Complement components and for EBV and for IFN alpha. Follicular dendritic cells (contained in B cell follicles) selectively express the Long isoform of CR2 (CD21L) that contains an additional exon (10a) compared to CR2 (CD21).

**Molecular weight:**

**Ic50:**

## Applications

**Application:** IHC ; WB

**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:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** CD Guide for CD21 (1989) In Knapp W, et al (eds) Leucocyte Typing IV, Oxford University Press, Oxford, New York and Tokyo, p 1080. ISBN-13: 978-0192618672

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