

CR2 / CD21 Antibody (clone Bu32)
Mouse Monoclonal Antibody
Catalog # ALS14927**Specification**

CR2 / CD21 Antibody (clone Bu32) - Product Information

Application	IHC
Primary Accession	P20023
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	113kDa KDa

CR2 / CD21 Antibody (clone Bu32) - Additional Information**Gene ID** 1380**Other Names**

Complement receptor type 2, Cr2, Complement C3d receptor, Epstein-Barr virus receptor, EBV receptor, CD21, CR2, C3DR

Target/Specificity

Recognizes human CD21, a 145kD cell surface glycoprotein expressed by mature B lymphocytes, follicular dendritic cells, subsets of normal thymocytes and subsets of T cells. The CD21 molecule acts as a receptor for complement components C3d, C3dg and ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CR2 / CD21 Antibody (clone Bu32) is for research use only and not for use in diagnostic or therapeutic procedures.

CR2 / CD21 Antibody (clone Bu32) - Protein Information**Name** CR2**Synonyms** C3DR**Function**

Receptor for complement C3, for the Epstein-Barr virus on human B-cells and T-cells and for HNRNPU (PubMed:7753047). Participates in B lymphocytes activation (PubMed:7753047).

Cellular Location

Cell membrane; Single-pass type I membrane protein

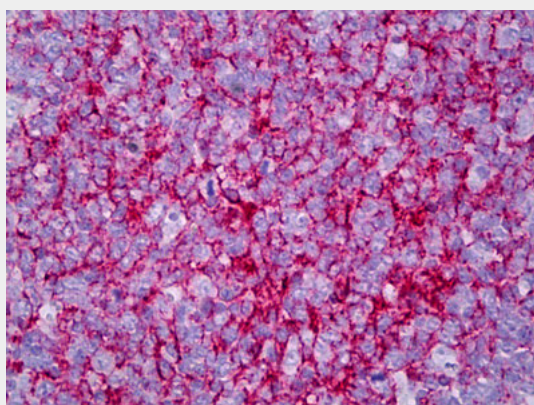
Tissue Location

Mature B-lymphocytes, T-lymphocytes, pharyngeal epithelial cells, astrocytes and follicular dendritic cells of the spleen

CR2 / CD21 Antibody (clone Bu32) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CR2 / CD21 Antibody (clone Bu32) - Images

Anti-CR2 / CD21 antibody IHC of human tonsil, germinal center.

CR2 / CD21 Antibody (clone Bu32) - Background

Receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Participates in B lymphocytes activation.

CR2 / CD21 Antibody (clone Bu32) - References

Fujisaku A., et al. J. Biol. Chem. 264:2118-2125(1989).
Weis J.J., et al. J. Exp. Med. 167:1047-1066(1988).
Moore M., et al. Proc. Natl. Acad. Sci. U.S.A. 84:9194-9198(1987).
Barel M., et al. Mol. Immunol. 35:1025-1031(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).