

**CR2 / CD21 Antibody (clone 2G9)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS13870****Specification**

---

**CR2 / CD21 Antibody (clone 2G9) - Product Information**

Application	IHC
Primary Accession	<a href="#">P20023</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	113kDa KDa

**CR2 / CD21 Antibody (clone 2G9) - 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**

Extracellular domain

**Reconstitution & Storage**

Stable for 24 months when stored at 2-8°C.

**Precautions**

CR2 / CD21 Antibody (clone 2G9) is for research use only and not for use in diagnostic or therapeutic procedures.

**CR2 / CD21 Antibody (clone 2G9) - 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](http://www.uniprot.org/citations/7753047)). Participates in B lymphocytes activation (PubMed:[7753047](http://www.uniprot.org/citations/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

**Volume**

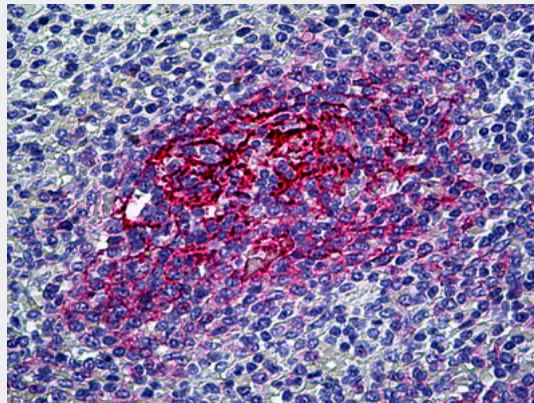
250  $\mu$ l

**CR2 / CD21 Antibody (clone 2G9) - 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 2G9) - Images**



Anti-CR2 / CD21 antibody IHC of human spleen.

**CR2 / CD21 Antibody (clone 2G9) - 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 2G9) - 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).