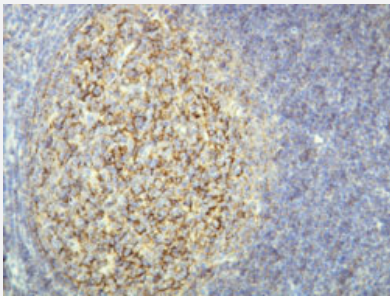


CR2 monoclonal antibody, clone Q22-S

Catalog # MAB23319

Size 7 mL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CR2 monoclonal antibody, clone Q22-S (Cat # MAB23319)

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CR2.
Immunogen	A synthetic peptide corresponding to C-terminus of human CR2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	immunoaffinity purification
Recommend Usage	Immunohistochemistry (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CR2 monoclonal antibody, clone Q22-S (Cat # MAB23319)

Gene Info — CR2

Entrez GeneID [1380](#)

Protein Accession# [P20023](#)

Gene Name CR2

Gene Alias C3DR, CD21, SLEB9

Gene Description complement component (3d/Epstein Barr virus) receptor 2

Omim ID [120650 610927](#)

Gene Ontology [Hyperlink](#)

Gene Summary Complement component receptor-2 (CR2) is the membrane protein on B lymphocytes to which the Epstein-Barr virus (EBV) binds during infection of these cells. See also CR1 (MIM 120620). Yefenof et al. (1976) [PubMed 181330] found complete overlapping of EBV receptors and C3 (MIM 120700) receptors on human B lymphocytes.[supplied by OMIM]

Other Designations OTTHUMP00000034421|OTTHUMP00000034447

Pathway

- [B cell receptor signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Hematopoietic cell lineage](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)

- [Macular Degeneration](#)
- [Nasopharyngeal Neoplasms](#)
- [Parkinson disease](#)