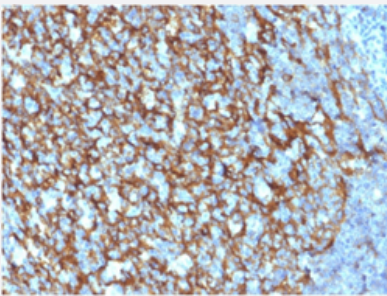


CR2 monoclonal antibody, clone CR2/1952

Catalog # MAB21159 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CR2 monoclonal antibody, clone CR2/1952 (Cat # MAB21159).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CR2.
Immunogen	Recombinant protein corresponding to amino acids 44-196 of human CR2.
Host	Mouse
Theoretical MW (kDa)	140
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.

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 CR2/1952 (Cat # MAB21159).

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](#)