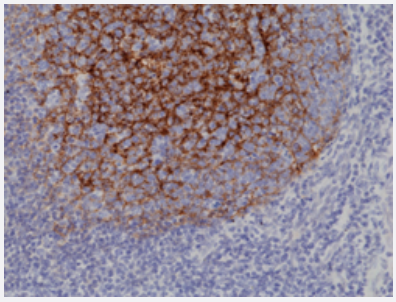
RecomAb™

CR2 monoclonal antibody, clone RM372

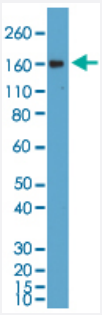
Catalog # MAB22004 Size 100 uL

Applications



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

Immunohistochemical staining of human tonsil.



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Daudi cell lysates.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CR2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C-terminus of human CR2.
Reactivity	Human
Specificity	This antibody reacts to human CD21 (Complement receptor type 2).
Form	Liquid

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Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1000) Western Blot (1:200-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining of human tonsil.

- Western Blot (Cell lysate)

  Western Blot (Cell lysate) analysis of Daudi cell lysates.

Gene Info — CR2

Entrez GeneID	1380
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 th e Epstein-Barr virus (EBV) binds during infection of these cells. See also CR1 (MIM 120620). Yef enof 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

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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

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