

Mouse CD21 Monoclonal Antibody | anti-CR2 antibody

Anti-CD21 Antibody, Mouse Monoclonal

CATALOG # AAA255182	HOST Mouse	REACTIVITY Human, Cynomolgus, Ferret	APPLICATIONS Immunohistochemistry
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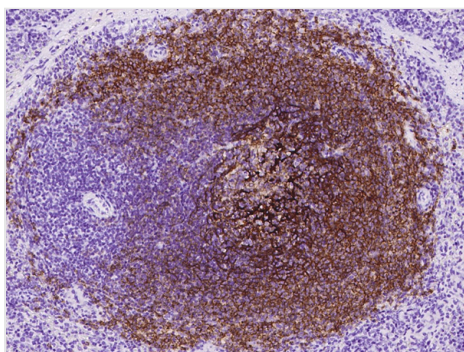
PRODUCT SYNONYMS

CD21; Monoclonal Antibody; Anti-CD21 Antibody; Mouse Monoclonal; CD21 Antibody; Mouse MAb; complement component (3d/Epstein Barr virus) receptor 2; Anti-C3DR Antibody; Anti-CR Antibody; Anti-CVID7 Antibody; Anti-SLEB9 Antibody; anti-CR2 antibody

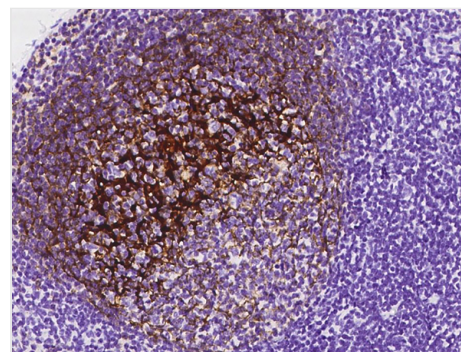
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Cynomolgus, Ferret
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	28
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-CR2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human CD21 Protein ()
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD21 (rh CD21; P20023-1; Met1-Arg971). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree to -80 degree. Preservative-Free. Avoid repeated freeze-thaw cycles.

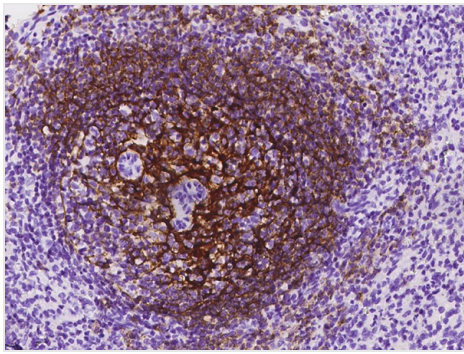
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining CD21 in Ferret spleen with mouse monoclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

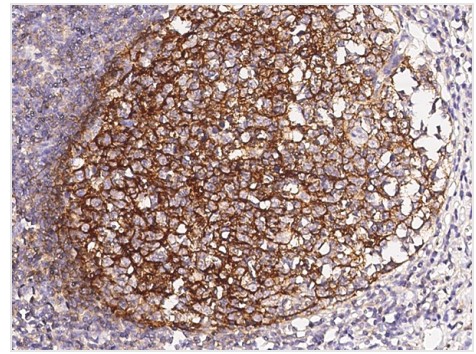

IHC (Immunohistochemistry)

Immunochemical staining CD21 in cynomolgus lymph node with mouse monoclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



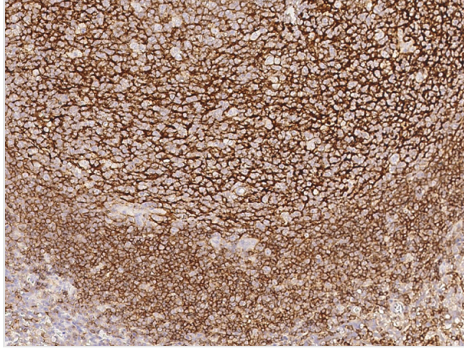
IHC (Immunohistochemistry)

Immunochemical staining CD21 in cynomolgus spleen with mouse monoclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining CD21 in human appendix with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining CD21 in human tonsil with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CR2 antibody	Serine Proteases and Regulators ; Complement Activation Pathways
References	Zola H, et al. (2007) CD molecules 2006-human cell differentiation molecules. J Immunol Methods. 318 (1-2): 1-5. Ho IC, et al. (2009) GATA3 and the T-cell lineage: essential functions before and after T-helper-2-cell differentiation. Nat Rev Immunol. 9 (2): 125-35. Matesanz-Isabel J, et al. (2011) New B-cell CD molecules. Immunology Letters. 134 (2): 104-12. Joseph M, et al. (1989) Structure and Function of the Complement Receptors, CR1 (CD35) and CR2 (CD21). Advanced in immunology. 46: 183-219. Aubry JP, et al. (1992) CD21 is a ligand for CD23 and regulates IgE production. Nature 358: 505-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273962
NCBI GeneID	1380
UniProt Accession #	P20023
NCBI Official Full Name	Complement receptor type 2
NCBI Official Synonym Full Names	complement C3d receptor 2
NCBI Official Symbol	CR2
NCBI Official Synonym Symbols	CR; C3DR; CD21; CVID7; SLEB9
NCBI Protein Information	complement receptor type 2
UniProt Protein Name	Complement receptor type 2
UniProt Gene Name	CR2

UniProt Synonym Gene Names	C3DR; Cr2; EBV receptor
UniProt Entry Name	CR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd21-antibody-clone-28-immunohistochemistry-elisa/255182>