

Rabbit anti-Human CD21 Monoclonal Antibody | anti-CR2 antibody

CD21 (Mature B-Cell & Follicular Dendritic Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone CR2/3990R]

CATALOG # AAA215571	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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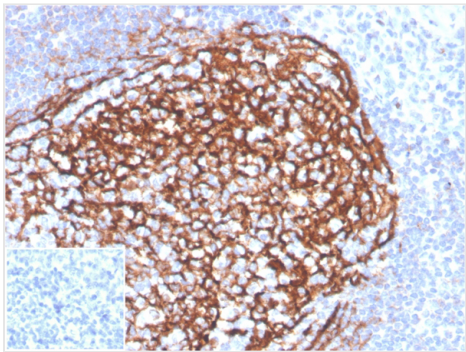
PRODUCT SYNONYMS

CD21; Monoclonal Antibody; CD21 (Mature B-Cell & Follicular Dendritic Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone CR2/3990R]; CD21 (Mature B-Cell & Follicular Dendritic Cell Marker); Complement C3d receptor (C3DR); Complement Receptor type 2 (CR2); CVID7; EBV receptor; EBV-R; Epstein-Barr virus receptor; EVBR; SLEB9; anti-CR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	CR2/3990R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CR2 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide corresponding to CD21 residues within aa933-C terminal of CD21.
Cellular Localization	Cell Surface
Positive Control	Human tonsil tissue.
Hu-chromosome Location	1q32
Unigene	445757
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with CD21 Recombinant Rabbit Monoclonal Antibody (CR2/3990R). Inset: PBS instead of primary antibody; secondary only negative control.

ADDITIONAL INFORMATION

Related Product Information for anti-CR2 antibody	CD21 also known as complement C3d receptor, Epstein-Barr virus receptor, and complement receptor type 2 (CR2), is a protein that in humans is encoded by the CR2 gene. This protein is involved in the complement system. It binds to iC3b (inactive derivative of C3b), C3dg, or C3d. B cells have CR2 receptors on their surfaces, allowing the complement system to play a role in B-cell activation and maturation. It is expressed by follicular dendritic cells (FDC) and mature B cells, as well as by several types of epithelial cells. CD21 is useful in the identification of follicular dendritic cell matrix found in normal lymph node and tonsillar tissue, and also useful in identifying abnormal.
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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.