

Rabbit anti-Human CR2 Polyclonal Antibody | anti-CR2 antibody

CR2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287814	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

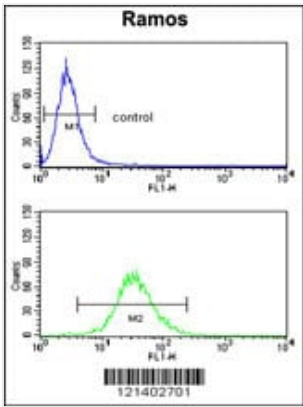
PRODUCT SYNONYMS

CR2; Polyclonal Antibody; CR2 Antibody (C-term); Complement receptor type 2; Cr2; Complement C3d receptor; Epstein-Barr virus receptor; EBV receptor; CD21; C3DR; anti-CR2 antibody

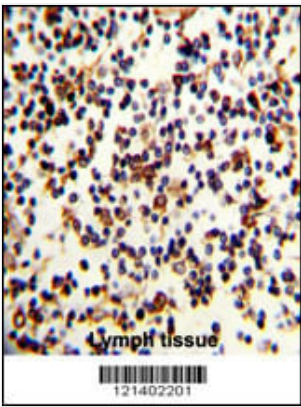
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 986-1014 amino acids from the C-terminal region of human CR2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	986-1014
Sequence Length	1,084
Applicable Applications for anti-CR2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

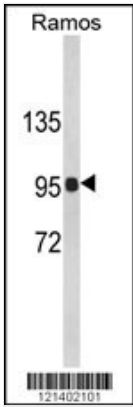
IMAGES



FCM/FACS (Flow Cytometry)
CR2 Antibody (C-term) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human Lymph reacted with CR2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CR2 Antibody (C-term) in Ramos cell line lysates (35ug/lane). CR2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CR2 antibody	CR2 is a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes.
Product Categories/Family for anti-CR2 antibody	Immunology
References	Rikova,K., et.al., Cell 131 (6), 1190-1203 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792123
NCBI GeneID	1380
NCBI Accession #	NP_001006659.1; NP_001868.2
NCBI GenBank Nucleotide #	NM_001006658.2
UniProt Accession #	P20023; Q13866; Q14212; Q53EL2; Q5BKT9; Q5SR46; Q5SR48; C9JHD2
Molecular Weight	112916
NCBI Official Full Name	complement receptor type 2 isoform 1

NCBI Official Synonym Full Names	complement component (3d/Epstein Barr virus) 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/polyclonal/cr2-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/287814>