

Rabbit anti-Human C7 Polyclonal Antibody | anti-C7 antibody

C7 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284586	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

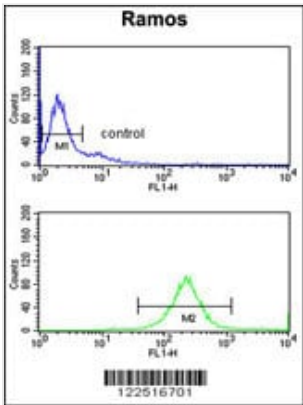
PRODUCT SYNONYMS

C7; Polyclonal Antibody; C7 Antibody (Center); Complement component C7; anti-C7 antibody

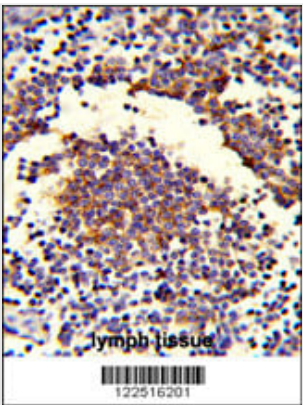
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 375-403 amino acids from the Central region of human C7.
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: 0.5 (varies by lot)
Sequence Positions	375-403
Sequence Length	843
Applicable Applications for anti-C7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.

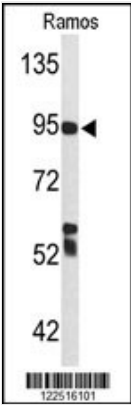
IMAGES



FCM/FACS (Flow Cytometry)
C7 Antibody (Center) 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 tissue reacted with C7 Antibody (Center), 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 C7 Antibody (Center) in Ramos cell line lysates (35ug/lane). C7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-C7 antibody	C7 is a component of the complement system. It participates in the formation of Membrane Attack Complex (MAC). People with C7 deficiency are prone to bacterial infection.
Product Categories/Family for anti-C7 antibody	Immunology
References	Davila,S., et.al., Genes Immun. 11 (3), 232-238 (2010) Kuijpers,T.W., et.al., Mol. Immunol. 47 (4), 671-677 (2010) Wheeler,H.E., et.al., PLoS Genet. 5 (10), E1000685 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45580688
NCBI GeneID	730
NCBI Accession #	NP_000578.2
NCBI GenBank Nucleotide #	NM_000587.2
UniProt Accession #	P10643; Q6P3T5; Q92489
Molecular Weight	93518

NCBI Official Full Name	complement component C7
NCBI Official Synonym Full Names	complement component 7
NCBI Official Symbol	C7
NCBI Protein Information	complement component C7
UniProt Protein Name	Complement component C7
UniProt Gene Name	C7
UniProt Entry Name	CO7_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://www.aaabiotech.com/polyclonal/c7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284586>