

Rabbit anti-Mouse, Rat C5/C5a Polyclonal Antibody | anti-C5 antibody

Anti-C5/C5a antibody

CATALOG # AAA45692	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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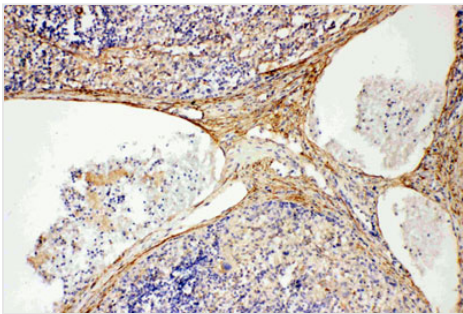
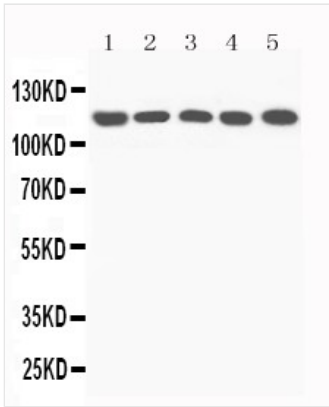
PRODUCT SYNONYMS

C5/C5a; Polyclonal Antibody; Anti-C5/C5a antibody; Complement C5; complement component 5; Anaphylatoxin C5a analog antibody; Anaphylatoxin C5a antibody; C5 antibody; C5a antibody; Complement C5 antibody; Complement component C5 antibody; Complement component C5a antibody; CPAMD 4 antibody; CPAMD4 antibody; anti-C5 antibody

PRODUCT SPECIFICATIONS

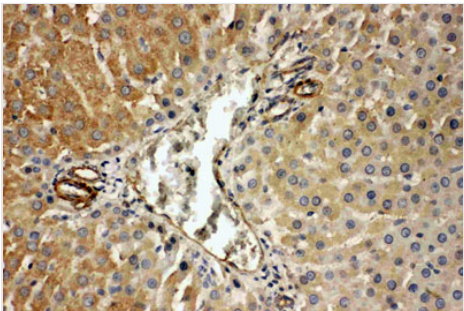
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	77
Applicable Applications for anti-C5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat C5a (1-18aa DLQLLHQKVVEQAAKYKH), different from the related mouse sequence by four amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20°C. After reconstitution, store at 4°C. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES

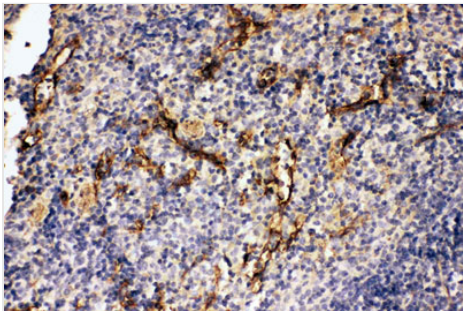


IHC (Immunohistochemisry)
Anti-C5/C5a antibody, AAA45692, IHC(P)IHC(P): Rat Spleen Tissue

WB (Western Blot)
Anti-C5/C5a antibody, AAA45692, All Western blottingAll lanes: Anti-C5a(AAA45692) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 40ugLane 2: Mouse Liver Tissue Lysate at 40ugLane 3: NIH Whole Cell Lysate at 40ugLane 4: HEPA Whole Cell Lysate at 40ugLane 5: PC12 Whole Cell Lysate at 40ugPredicted bind size: 115KD
Observed bind size: 115KD



IHC (Immunohiostchemistry)
Anti-C5/C5a antibody, AAA45692, IHC(P)IHC(P): Rat Liver Tissue



IHC (Immunohistochemistry)
Anti-C5/C5a antibody, AAA45692, IHC(P)IHC(P): Mouse Spleen Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-C5 antibody	Description: Rabbit IgG polyclonal antibody for Complement C5(C5) detection. Tested with WB, IHC-P in Mouse, Rat. Background: C5a is a protein fragment released from complement component C5. This gene is mapped to 9q33.2. The protein encoded by this gene is the fifth component of complement, which plays an important role in inflammatory and cell killing processes. This protein is comprised of alpha and beta polypeptide chains that are linked by a disulfide bridge. An activation peptide, C5a, which is an anaphylatoxin that possesses potent spasmogenic and chemotactic activity, is derived from the alpha polypeptide via cleavage with a convertase. The C5b macromolecular cleavage product can form a complex with the C6 complement component, and this complex is the basis for formation of the membrane attack complex, which includes additional complement components. Mutations in this gene cause complement component 5 deficiency, a disease where patients show a propensity for severe recurrent infections. Defects in this gene have also been linked to susceptibility to liver fibrosis and to rheumatoid arthritis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46397770
NCBI GeneID	362119
UniProt Accession #	P08650; Q63078
NCBI Official Full Name	Complement C5
NCBI Official Synonym Full Names	complement component 5
NCBI Official Symbol	C5

NCBI Official Synonym Symbols	Hc; C5a; RGD1561905
NCBI Protein Information	complement C5; anaphylatoxin
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Entry Name	CO5_RAT

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/c5-c5a-antibody-immunohistochemistry-western-blot-elisa/45692>