

Datasheet for ABIN7437620
anti-C5A antibody (AA 679-755)

3 Images

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Overview

Quantity:	100 µL
Target:	C5A (C5a)
Binding Specificity:	AA 679-755
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Complement Component 5a (C5a)
Immunogen:	Recombinant Complement Component 5a (C5a) corresponding to Asn679~Arg755 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against C5a. It has been selected for its ability to recognize C5a in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

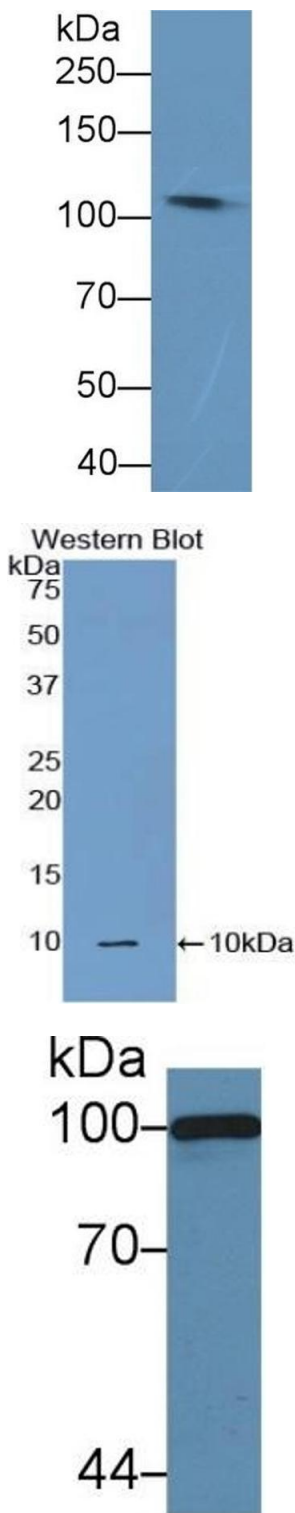
Target:	C5A (C5a)
Alternative Name:	Complement Component 5a (C5a Products)
Pathways:	Complement System , Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of C5a in Rat Plasma using Polyclonal Antibody to Complement Component 5a (C5a)

Western Blotting

Image 2. Detection of Recombinant C5a, Mouse using Polyclonal Antibody to Complement Component 5a (C5a)

Western Blotting

Image 3. Detection of C5a in Mouse Serum using Polyclonal Antibody to Complement Component 5a (C5a)