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# Datasheet for ABIN7427909 anti-C5A antibody (AA 679-755)

3 Images



## Overview

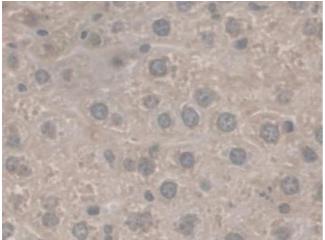
Quantity:	100 µL
Target:	C5A (C5a)
Binding Specificity:	AA 679-755
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This C5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Complement Component 5a (C5a)
Immunogen:	Recombinant Complement Component 5a (C5a) corresdonding to Asn679~Arg755 with N- terminal His Tag
Clone:	C8
Isotype:	lgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against C5a. It has been selected for its ability to recognize C5a in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	C5A (C5a)
Alternative Name:	Complement Component 5a (C5a Products)
Pathways:	Complement System, Carbohydrate Homeostasis
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	1:500-2000 Immunohistochemistry: 5-20 µg/mL
	1:50-200 Immunocytochemistry: 5-20 µg/mL
	1:50-200 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



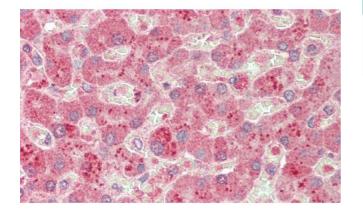
## Western Blot kDa 70 44 33 26 22 18 14 10 € ←10kDa

### Immunohistochemistry

**Image 1.** Detection of C5a in Mouse Liver Tissue using Monoclonal Antibody to Complement Component 5a (C5a)

## Western Blotting

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



#### Immunohistochemistry

**Image 3.** Detection of C5a in Human Liver Tissue using Monoclonal Antibody to Complement Component 5a (C5a)

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