

Datasheet for ABIN7428458
anti-C5A antibody (AA 1-77)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	C5A (C5a)
Binding Specificity:	AA 1-77
Reactivity:	Rat
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) corresponding to Asp1~Arg77 with N-terminal His and GST Tag
Clone:	C3
Isotype:	IgG2a 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.
Purification:	Protein A + Protein G affinity chromatography

Target Details

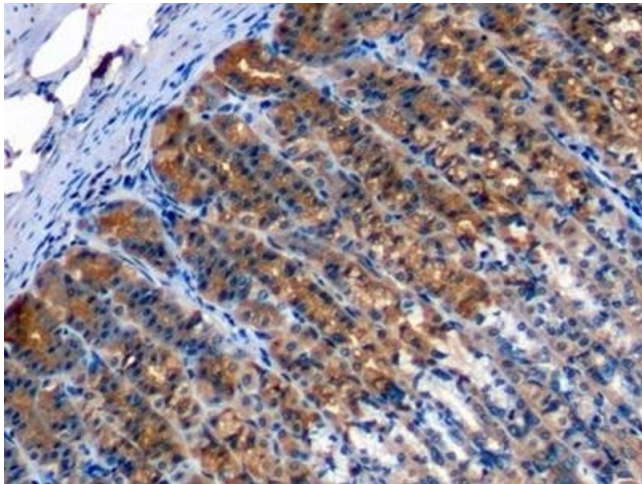
Target:	C5A (C5a)
Alternative Name:	Complement Component 5a (C5a Products)
Pathways:	Complement System , Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 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

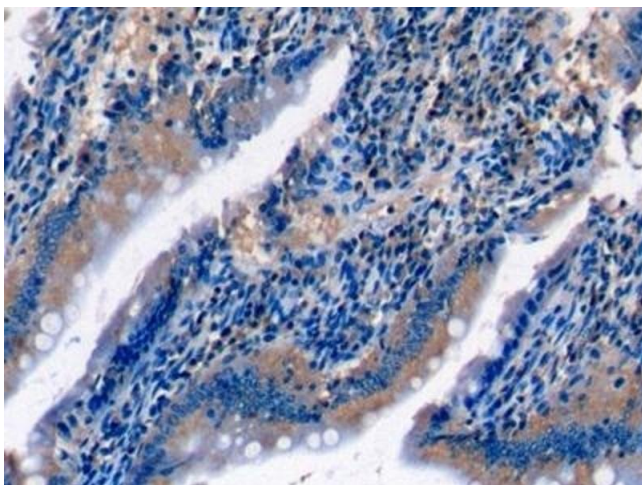
Handling

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



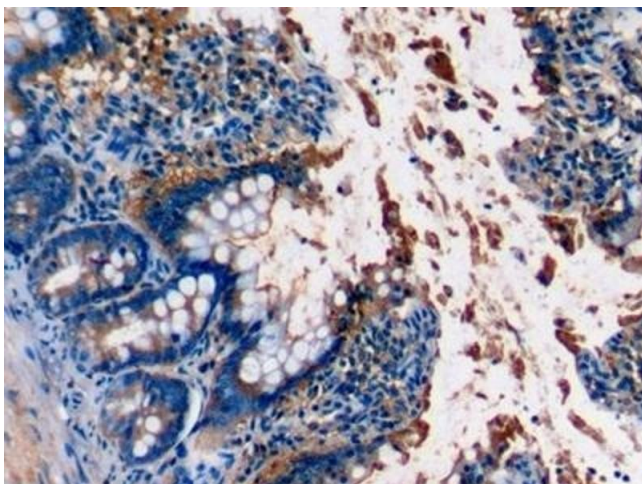
Immunohistochemistry

Image 1. Detection of C5a in Rat Stomach Tissue using Monoclonal Antibody to Complement Component 5a (C5a)



Immunohistochemistry

Image 2. Detection of C5a in Rat Small intestine Tissue using Monoclonal Antibody to Complement Component 5a (C5a)



Immunohistochemistry

Image 3. Detection of C5a in Rat Colon Tissue using Monoclonal Antibody to Complement Component 5a (C5a)