

# Product Datasheet

## C5L2/GPR77 Antibody NB100-56497

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 3

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**NB100-56497**

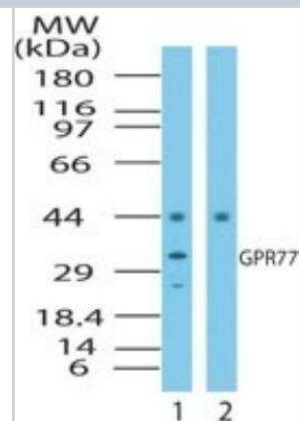
C5L2/GPR77 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	27202
Gene Symbol	C5AR2
Species	Human
Immunogen	A portion of amino acids 1-50 of human GPR77 was used as the immunogen.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:20-1:1000, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	Immunocytochemistry/Immunofluorescence: See Bamberg et al (2010) for details.

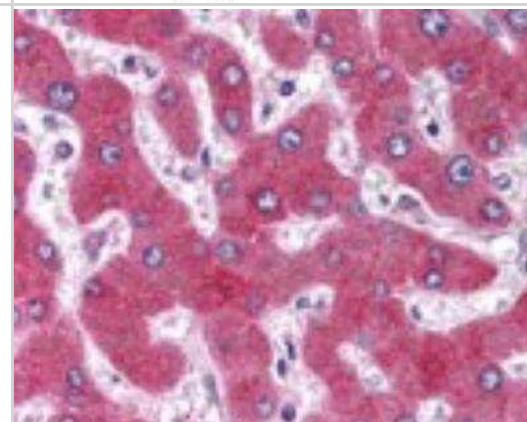


## Images

Western Blot: C5L2/GPR77 Antibody [NB100-56497] - Analysis of GPR77 in human testis cell lysate in the 1) absence and 2) presence of immunizing peptide using this antibody at 0.5 ug/ml.



Immunohistochemistry-Paraffin: C5L2/GPR77 Antibody [NB100-56497] - Analysis of human liver using NB100-56497 at 10 ug/ml.



## Publications

Werner U, Kunstner A, Drenckhan M et al. Linking Complement C3 and B Cells in Nasal Polyposis J Immunol Res 2020-07-08 [PMID: 32724828] (WB, Human)

Croker DE, Halai R, Kaeslin G et al. C5a2 can modulate ERk1/2 signaling in macrophages via heteromer formation with C5a1 and beta-arrestin recruitment. Immunol. Cell Biol. 2014-04-29 [PMID: 24777312] (Human)

Details:  
Monocyte-derived macrophages, Fig 5C. The pAb was used at 5 ug/ml in an attempt to block ERk1/2 activation.

Bamberg CE, Mackay CR, Lee H et al. The C5a receptor (C5aR) C5L2 is a modulator of C5aR-mediated signal transduction. J Biol Chem. 2010-03-05 [PMID: 20044484] (ICC/IF, Human)

Details:  
C5L2 (IMG-5888A): stained human polymorphonuclear leukocytes (PMN), IF/ICC (images analyzed by confocal microscopy), Fig 7.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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