

# Product Datasheet

## Complement C4a Antibody (4C3F2) NBP3-16217-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16217-100ul****Complement C4a Antibody (4C3F2)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4C3F2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	193 kDa

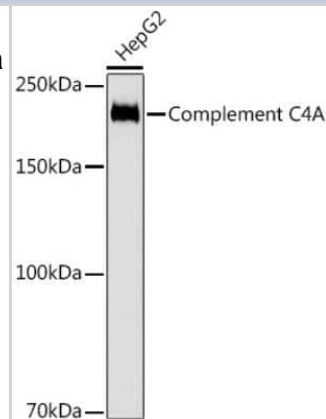
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Complement C4a Antibody (4C3F2) (NBP3-16217) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	720
<b>Gene Symbol</b>	C4A
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 940-1237 of human Complement C4A (P0C0L4). HREELVYELNPLDHRGRTLEIPGNSDPNMIPDGFNSYVRVTASDPLDTLGSE GALSPGGVASLLRLPRGCGEQTMIYLAPTAAASRYLDKTEQWSTLPPETKDHA VDLIQKGYMRIQQFRKADGSYAAWLSRDSSTWLTAFLVKVLSLAQEQVGGSP KLQETSNWLLSQQQADGSFQDPCPVLD RSMQGGGLVGNDETVALTAFVTIALH HGLAVFQDEGAEPLKQRVEASISKANSFLGEKASAGLLGAHAAAITAYALTLTK APVDLLGVAHNNLMAMAQETGDNLYWGSVTGSQ

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

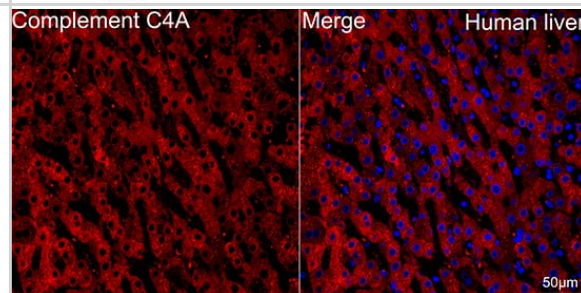


## Images

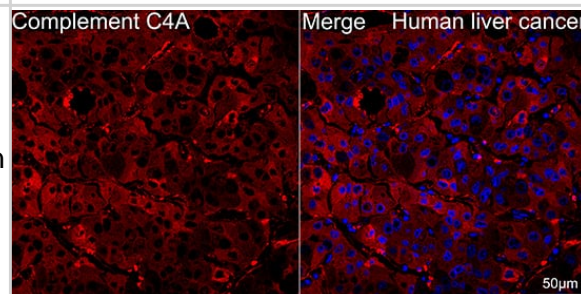
**Western Blot: Complement C4a Antibody (4C3F2) [NBP3-16217] -**  
 Western blot analysis of extracts of HepG2 cells, using Complement C4a antibody (NBP3-16217) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



**Immunocytochemistry/ Immunofluorescence: Complement C4a Antibody (4C3F2) [NBP3-16217] -** Confocal imaging of paraffin-embedded Human liver tissue using Complement C4a Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



**Immunocytochemistry/ Immunofluorescence: Complement C4a Antibody (4C3F2) [NBP3-16217] -** Confocal imaging of paraffin-embedded Human liver cancer tissue using Complement C4a Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-16217-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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