

Product Datasheet

Complement C3 Antibody (4D12) - BSA Free NBP3-26471-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-26471-100ul

Complement C3 Antibody (4D12) - BSA Free

Product Information

| | |
|----------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20 to -70C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4D12 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS, pH 7.4, 150mM NaCl, and 50% glycerol |

Product Description

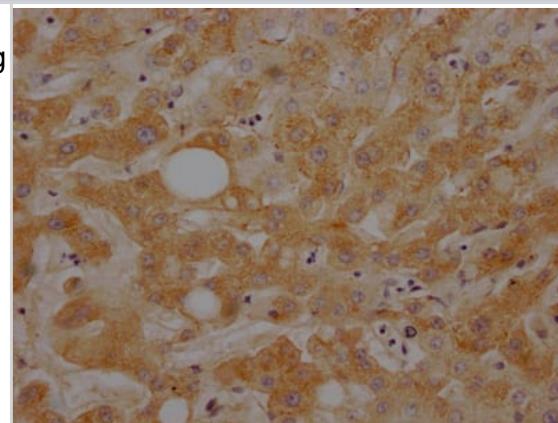
| | |
|--------------------|---|
| Description | Novus Biologicals Rabbit Complement C3 Antibody (4D12) - BSA Free (NBP3-26471) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 718 |
| Gene Symbol | C3 |
| Species | Human |
| Immunogen | A synthesized peptide derived from Human Complement C3 [UniProt P01024] |

Product Application Details

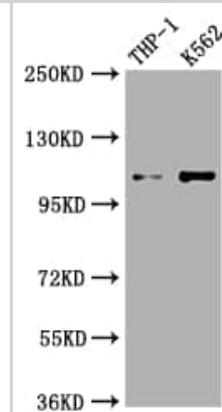
| | |
|------------------------------|--|
| Applications | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:500-1:5000, Flow Cytometry 1:20-1:200, ELISA, Immunohistochemistry 1:50-1:200 |

Images

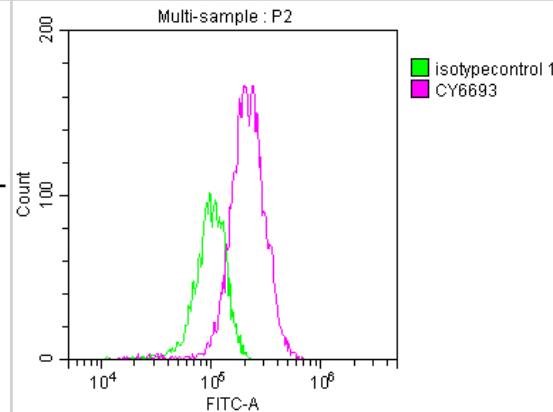
Immunohistochemistry: Complement C3 Antibody (4D12) [NBP3-26471]
 - Image of Complement C3 Antibody (4D12) diluted at 1:100 and staining in paraffin-embedded human liver tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



Western Blot: Complement C3 Antibody (4D12) [NBP3-26471] - Positive
 Western Blot detected in: THP-1 whole cell lysate, K562 whole cell lysate.
 All lanes: Complement C3 Antibody at 1: 1000
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
 Predicted band size: 188 kDa
 Observed band size: 115 kDa



Flow Cytometry: Complement C3 Antibody (4D12) [NBP3-26471] -
 Overlay histogram showing HepG2 cells stained with Complement C3 Antibody (4D12) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10^6 cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1*10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26471-100ul

| | |
|------------|--|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| P3343-10ug | Recombinant Mouse Complement C3 GST (N-Term) Protein |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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