9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Complement C3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1135

Product Overview

Name	KD-Validated Anti-Complement C3 Rabbit Monoclonal Antibody
Accession(Primary)	P01024
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human C3 / C3a
Species Reactivity	Human
Calculated MW	Predicted, 187 kDa , observed, 187 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

Target information (P01024)

Gene Name	C3
About Gene Symbol	C3 (Complement C3) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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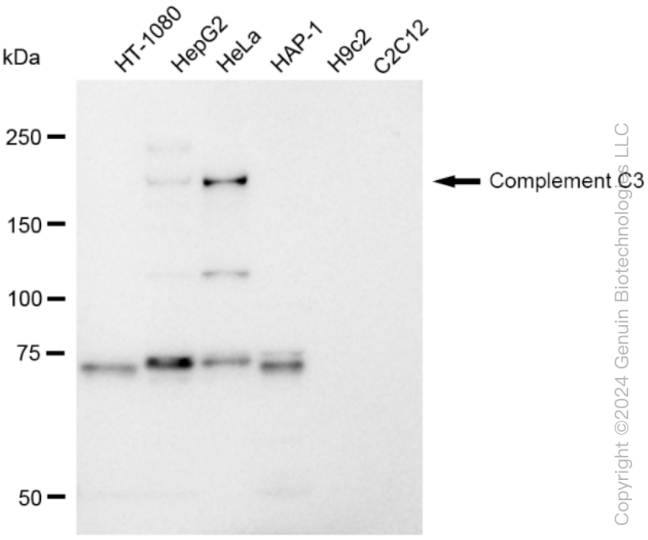

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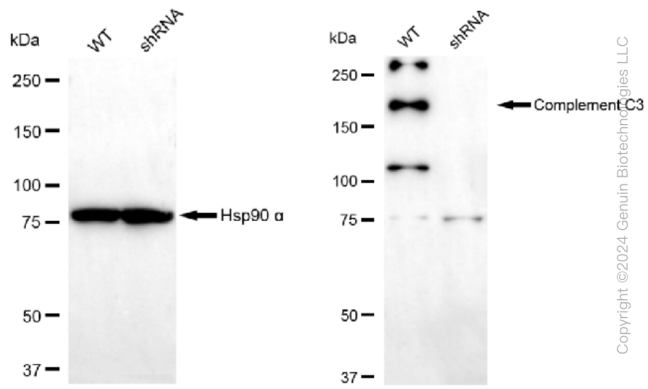
Western blotting analysis using anti-Complement C3 antibody (Cat#ABG1135). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Complement C3 antibody (Cat#ABG1135, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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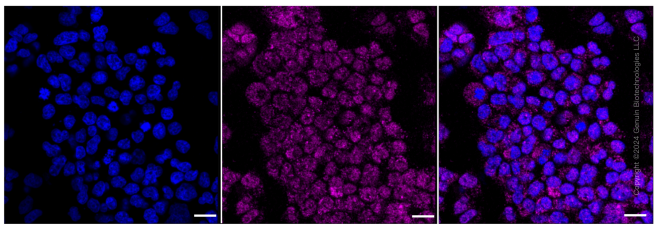
Western blotting analysis using anti-Complement C3 antibody (Cat#ABG1135). Complement C3 expression in wild type (WT) and complement C3 shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Complement C3 antibody (Cat#ABG1135, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HeLa cells with Complement C3 antibody (Cat#ABG1135, 1:1,000). Nuclei were stained blue with DAPI; Complement C3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.