

KD-Validated Anti-AGO3 Recombinant Rabbit Monoclonal Antibody



Catalog #: 68651

Aliases

AGO3; Argonaute RISC Catalytic Component 3; EIF2C3; Eukaryotic Translation Initiation Factor 2C, 3; Protein Argonaute-3; FLJ12765; HAGO3; HAgo3; Eukaryotic Translation Initiation Factor 2C; Argonaute 3, RISC Catalytic Component; EC 3.1.26.N2; Argonaute 3; Argonaute3; EIF-2C 3; EIF2C 3

Background

Gene Name: AGO3

NCBI Gene Entry: [192669](#)

UniProt Entry: [Q9H9G7](#)

Application Information

Molecular Weight: Predicted, 97 kDa, observed, 97 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3930

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human EIF2C3

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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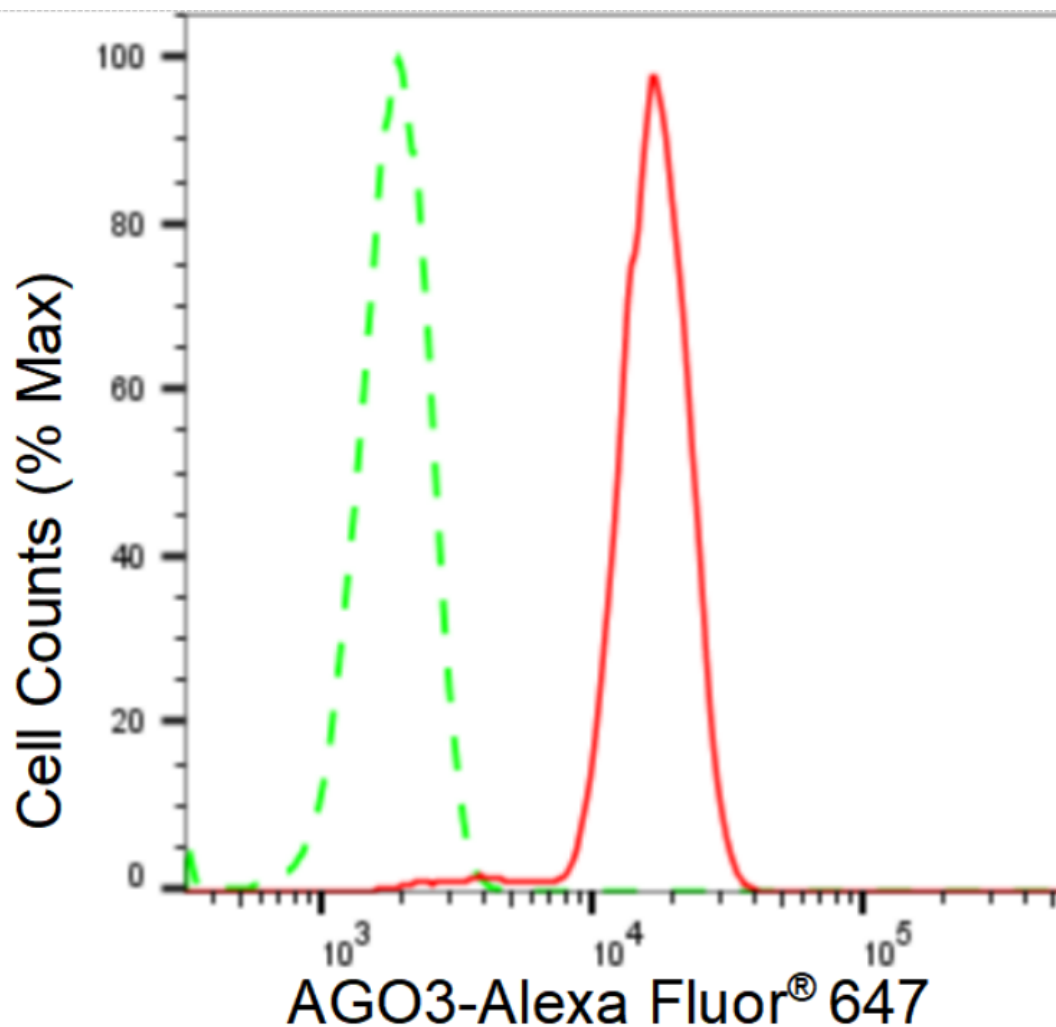
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PAGE 2

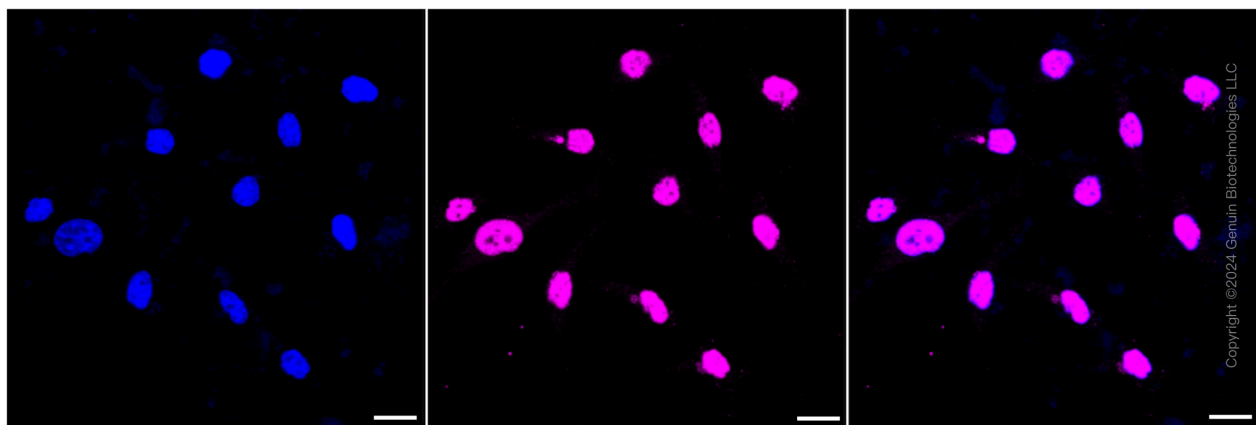
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Validation Data



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Flow cytometric analysis of AGO3 expression in HeLa cells using AGO3 antibody (Cat#68651, 1:2,000). Green, isotype control; red, AGO3.



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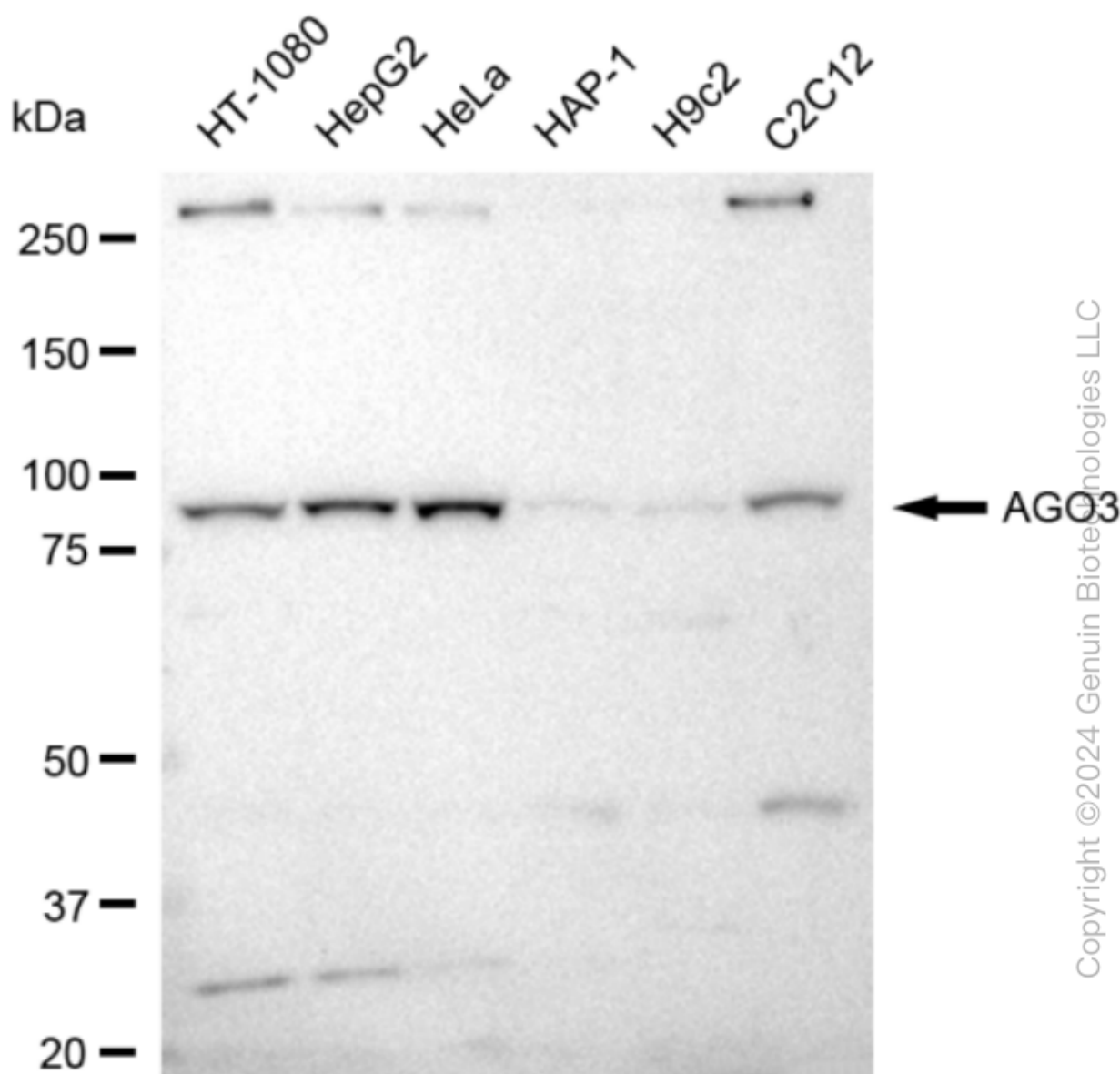
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PAGE 3

Immunocytochemical staining of Hela cells with AGO3 antibody (Cat#68651, 1:1,000). Nuclei were stained blue with DAPI; AGO3 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 μ m.



Western blotting analysis using anti-AGO3 antibody (Cat#68651). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AGO3 antibody (Cat#68651, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

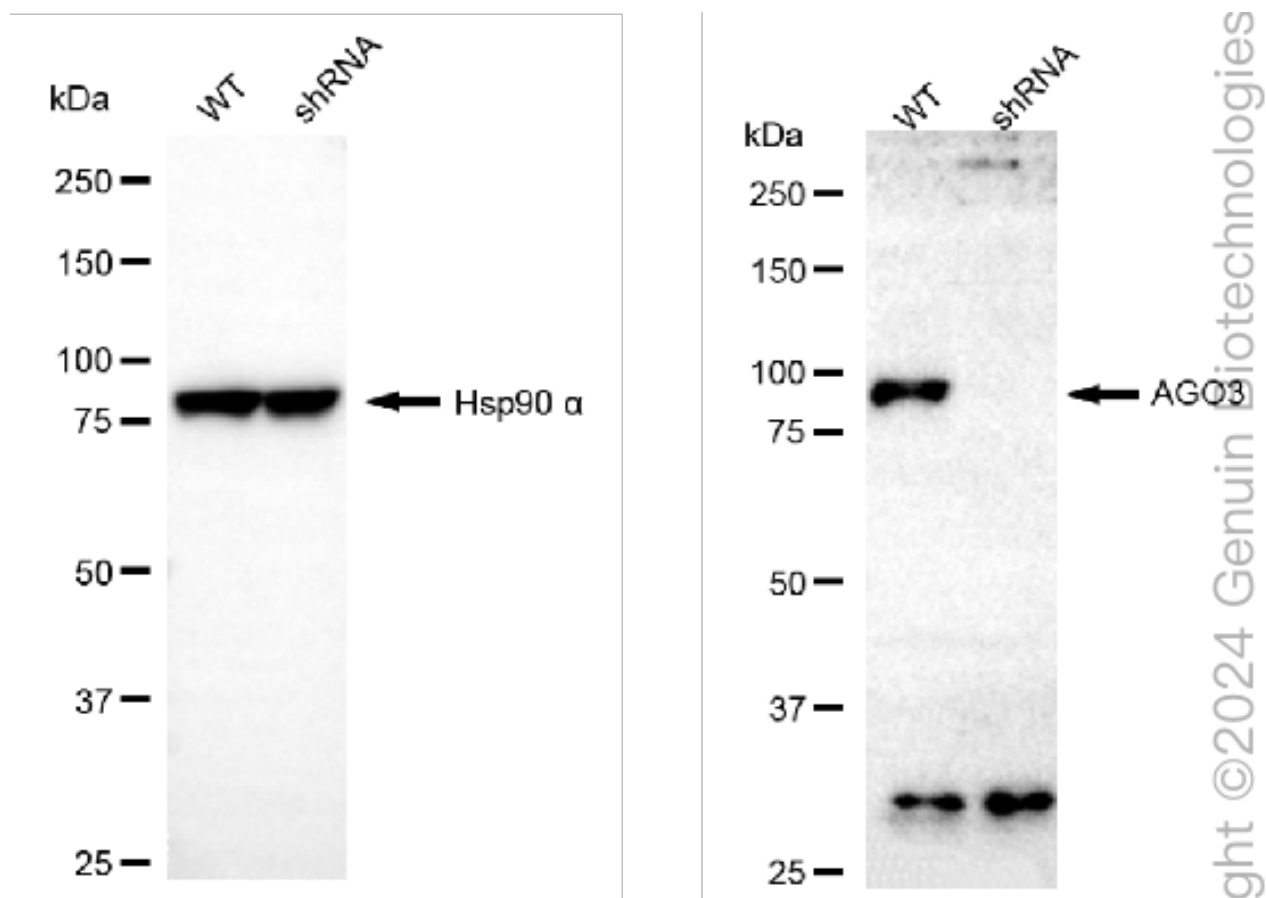
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Western blotting analysis using anti-AGO3 antibody (Cat#68651). AGO3 expression in wild-type (WT) and AGO3 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-AGO3 antibody (Cat#68651, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).