

# Anti-AGO3 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4218**

## Aliases

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

## 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: 24GB10125

Species Reactivity: Human, mouse, rat

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

## 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

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

Flow Cytometry (FCM): 1:2,000

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### SUPPORT

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### ORDERS

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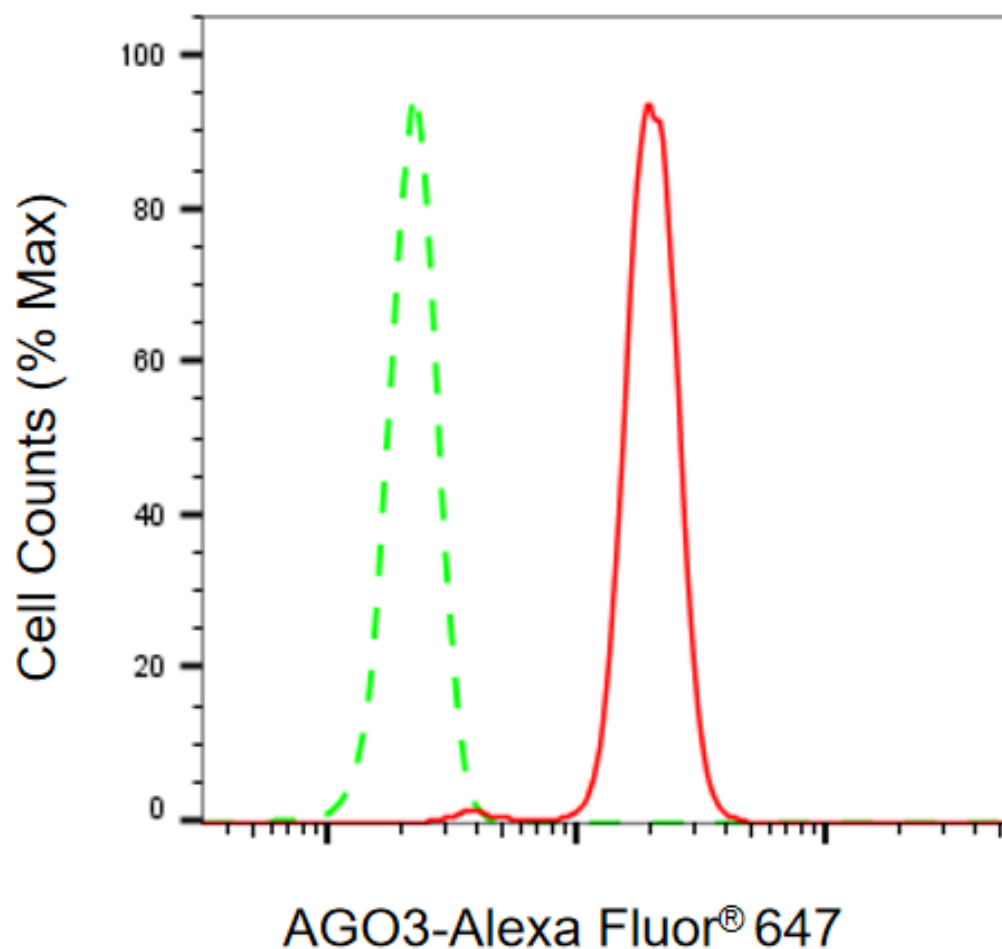
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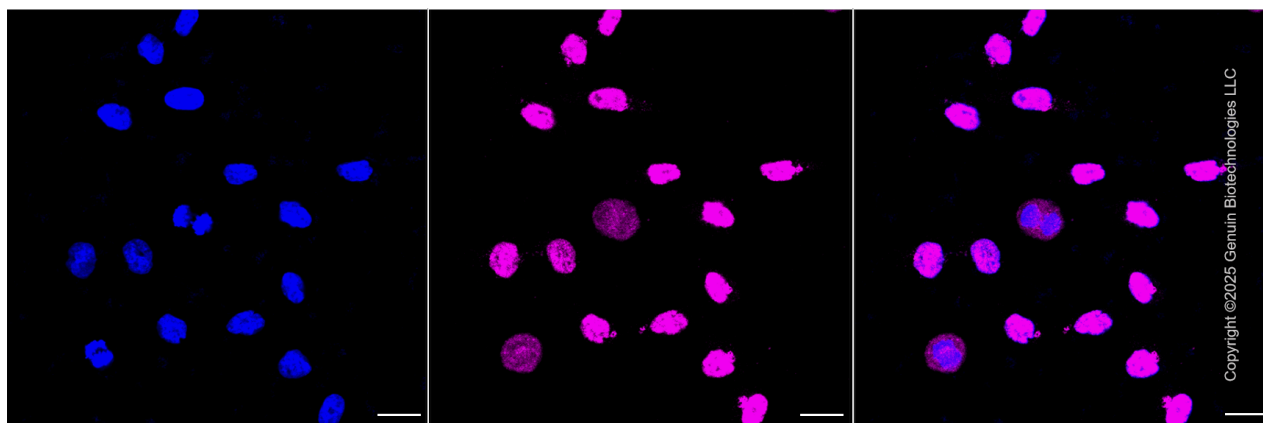
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**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of AGO3 expression in HeLa cells using anti-AGO3 antibody (Cat#4218, 1:2,000). Green, isotype control; red, AGO3.



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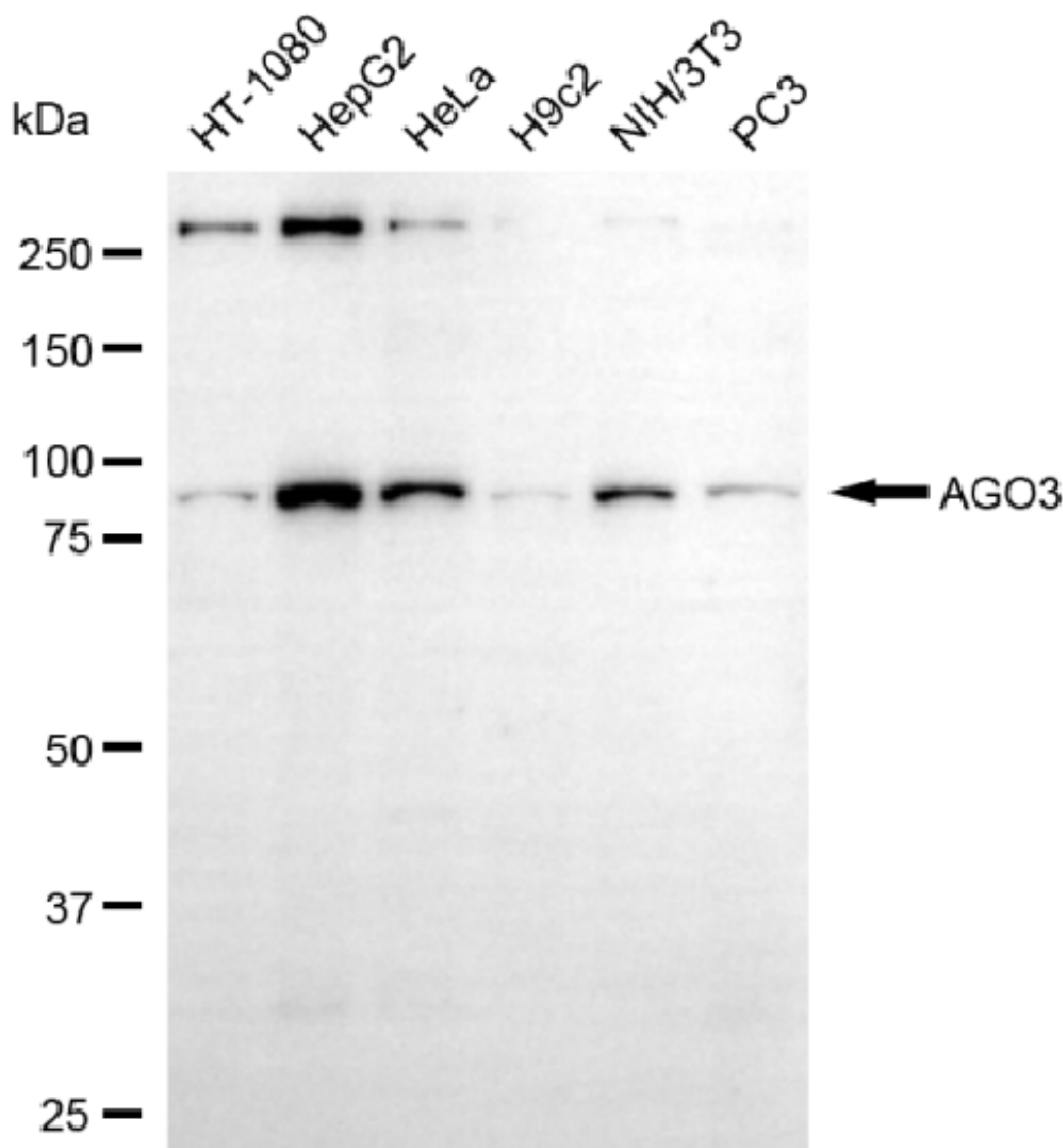
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Immunocytochemical staining of HeLa cells with anti-AGO3 antibody (Cat#4218, 1:1,000). Nuclei were stained blue with DAPI; AGO3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



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Western blotting analysis using anti-AGO3 antibody (Cat#4218). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AGO3 antibody (Cat#4218., 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).

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