

KD-Validated Anti-Argonaute RISC Catalytic component 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

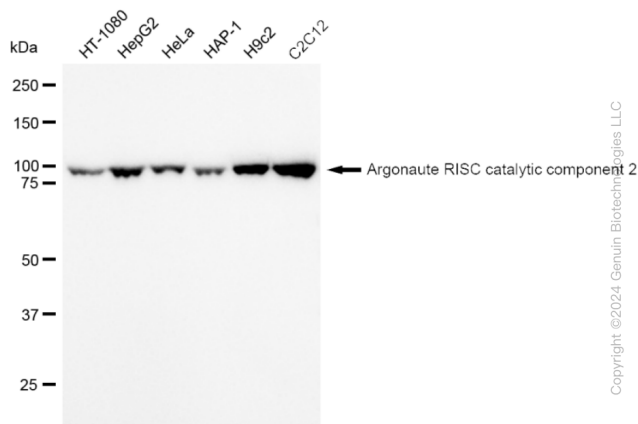
ABG2308

Product Overview

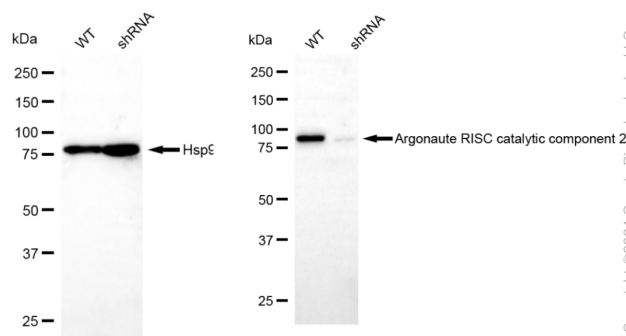
Name	KD-Validated Anti-Argonaute RISC catalytic component 2 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UKV8
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Argonaute 2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 97 kDa , observed, 97 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9UKV8)

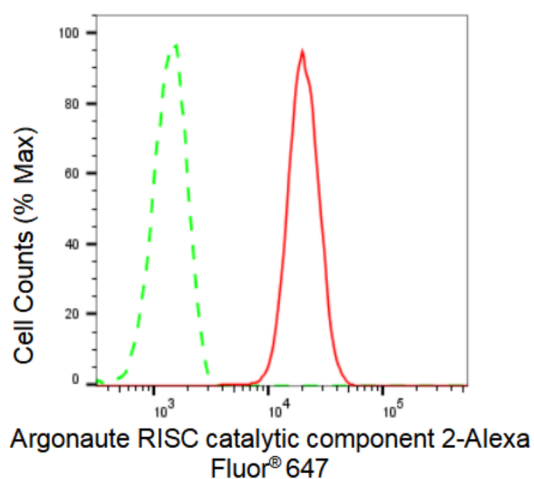
Gene Name	AGO2
About Gene Symbol	AGO2 (Argonaute RISC Catalytic Component 2) is a metabolic enzyme involved in translational regulation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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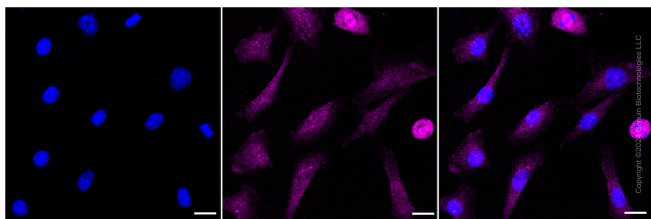


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Western blotting analysis using anti-Argonaute RISC catalytic component 2 antibody (Cat#ABG2308). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Argonaute RISC catalytic component 2 antibody (Cat#ABG2308, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-Argonaute RISC catalytic component 2 antibody (Cat#ABG2308). Argonaute RISC catalytic component 2 expression in wild type (WT) and Argonaute RISC catalytic component 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Argonaute RISC catalytic component 2 antibody (Cat#ABG2308, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Argonaute RISC catalytic component 2 expression in C2C12 cells using Argonaute RISC catalytic component 2 antibody (Cat#ABG2308, 1:2,000). Green, isotype control; red, Argonaute RISC catalytic component 2.



Immunocytochemical staining of C2C12 cells with Argonaute RISC catalytic component 2 antibody (Cat#ABG2308, 1:1,000). Nuclei were stained blue with DAPI; Argonaute RISC catalytic component 2 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.