

Argonautes antibody [GT9003]

Cat. No. GTX60370

| | |
|---------------------|--------------------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, ICC/IF, IP, IHC, RIP |
| Reactivity | Human, Mouse |

References (1)

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500 |
| ICC/IF | 1:500 |
| IP | 8 µg per IP |
| IHC | 1:500 |
| RIP | Assay dependent |

Not tested in other applications.

Calculated MW 97 kDa. ([Note](#))**Product Note** The antibody also recognizes other Ago family members although with the highest affinity for Ago2.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS |
| Preservative | 0.05% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 2.4 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant human Ago2 protein (GST fusion protein containing amino acids 47–879 of Ago2). |
| Purification | Protein A purified |
| Conjugation | Unconjugated |



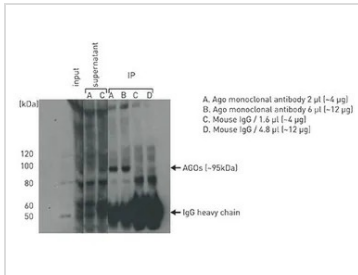
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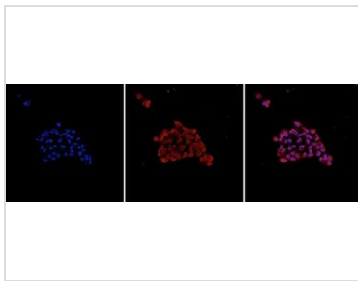
DATA IMAGES



GTx60370 IP Image

IP analysis of HeLa cells (UV crosslinked and lysed, and the lysate was treated with DNase I) using GTx60370 Argonautes antibody [GT9003]. 10 µl of input (10% of starting material), 10 µl of supernatants after immunoprecipitation (10%), and all of immunoprecipitants (~90%) were loaded.

Antibody amount : 4 or 12µg.



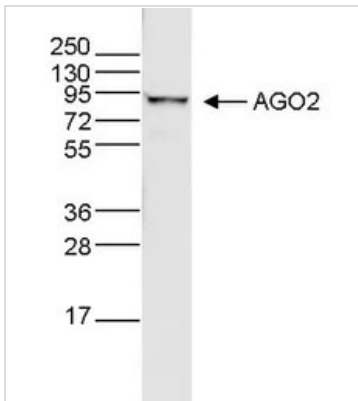
GTx60370 ICC/IF Image

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTx60370 Argonautes antibody [GT9003].

Red : Primary antibody

Blue : DAPI

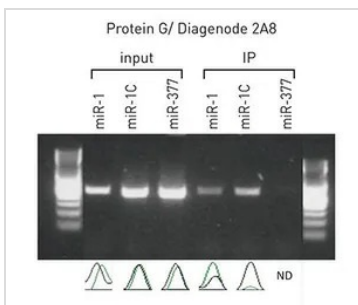
Dilution : 1:500



GTx60370 WB Image

WB analysis of whole cell extracts (40 µg) from HeLa cells using GTx60370 Argonautes antibody [GT9003].

Dilution : 1:500



GTx60370 RIP Image

RIP (RNA immunoprecipitation) analysis of HeLa cells overexpressing cell lysate using GTx60370 Argonautes antibody [GT9003]. HeLa cells were transfected with: pRL-TK-4A + pRL-TK-4G + pcDNA-miR-1 (miR-1 is supposed to target "A" allele) pRL-TK-4A + pRL-TK-4G + pcDNA-miR-1C (miR-1C is supposed to target "G" allele) pRL-TK-4A + pRL-TK-4G + pcDNA-miR-377 (miR-377 is supposed to target neither allele).



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