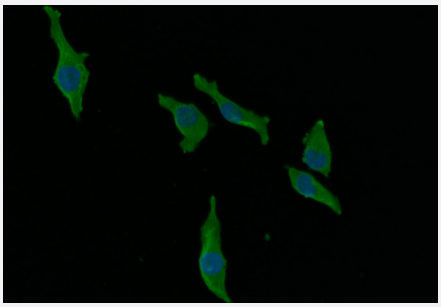
RecomAb™ Sm Size

# AGO2 recombinant monoclonal antibody, clone 7C2

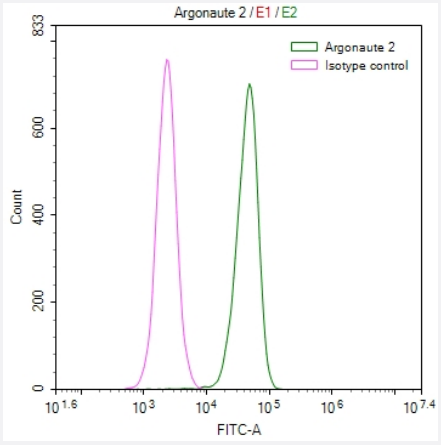
Catalog # RAB08514 Size 50 uL

## Applications



### Immunofluorescence

Immunofluorescence staining of MCF-7 Cells with AGO2 recombinant monoclonal antibody, clone 7C2 at 1:50, counter-stained with DAPI.




### Flow Cytometry

Overlay Peak curve showing Hela cells stained with AGO2 recombinant monoclonal antibody, clone 7C2 (red line) at 1:50.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human AGO2. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to human AGO2. |
| **Reactivity** | Human |
| **Form** | Liquid |

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| | |
|---|---|
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Purification** | Affinity chromatography purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA<br>Flow Cytometry(1:50-1:200)<br>Immunofluorescence(1:20-1:200)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol) |
| **Storage Instruction** | Store at -20°C or -80°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunofluorescence

  Immunofluorescence staining of MCF-7 Cells with AGO2 recombinant monoclonal antibody, clone 7C2 at 1:50, counter-stained with DAPI.

- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with AGO2 recombinant monoclonal antibody, clone 7C2 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — EIF2C2

| | |
|---|---|
| **Entrez GeneID** | 27161 |
| **Protein Accession#** | Q9UKV8 |
| **Gene Name** | EIF2C2 |
| **Gene Alias** | AGO2, MGC3183, Q10 |
| **Gene Description** | eukaryotic translation initiation factor 2C, 2 |
| **Omim ID** | 606229 |
| **Gene Ontology** | Hyperlink |

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| | |
|---|---|
| **Gene Summary** | This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | argonaute 2 |

## Disease

- Adenocarcinoma
- Carcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Kidney Neoplasms
- Lung Neoplasms
- Mouth Neoplasms
- Precancerous Conditions

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