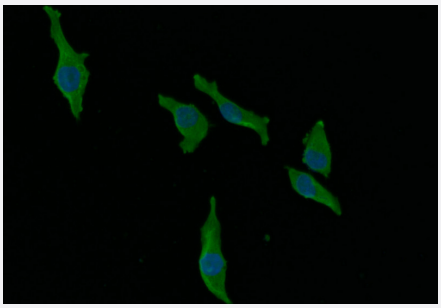
RecomAb™

AGO2 recombinant monoclonal antibody, clone 7C2

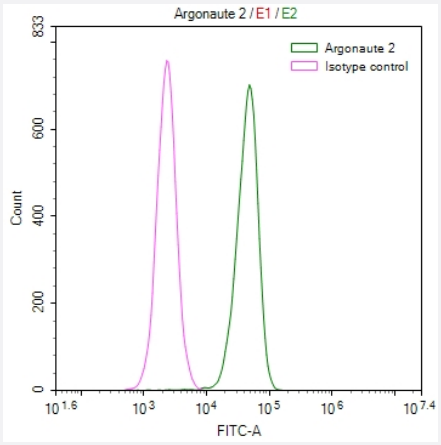
Catalog # RAB07671 Size 100 uL

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 Flow Cytometry(1:50-1:200) Immunofluorescence(1:20-1:200) 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. 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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