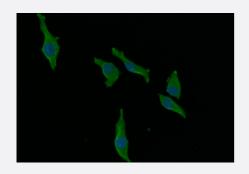


RecomAb™

# AGO2 recombinant monoclonal antibody, clone 7C2

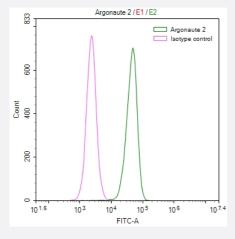
Catalog # RAB07671 Size 100 uL

# **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



### **Product Information**

Purification	Affinity chromatography purification
Isotype	lgG
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.

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

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

Gene Info — EIF2C2	
Entrez GeneID	<u>27161</u>
Protein Accession#	Q9UKV8
Gene Name	EIF2C2
Gene Alias	AGO2, MGC3183, Q10
Gene Description	eukaryotic translation initiation factor 2C, 2
Omim ID	606229
Gene Ontology	<u>Hyperlink</u>



### **Product Information**

#### **Gene Summary**

This gene encodes a member of the Argonaute family of proteins which play a role in RNA interfer ence. 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 tran script 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