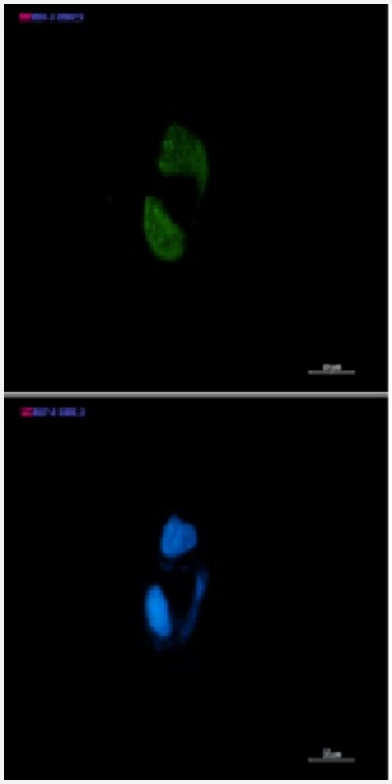
RecomAb™

AGO2 recombinant monoclonal antibody, clone R04-5H0

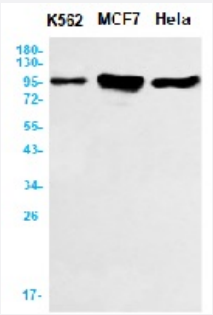
Catalog # RAB01592 Size 100 uL

Applications



Immunocytochemistry

Immunocytochemistry analysis of Argonaute 2 (green) in HCT116 using human Argonaute-2 recombinant monoclonal antibody, clone R04-5H0 (Cat # RAB01592), and DAPI(blue).



Western Blot

Western blot analysis of Argonaute 2 in K562, MCF-7, Hela lysates using human Argonaute-2 recombinant monoclonal antibody, clone R04-5H0 (Cat # RAB01592).

Specification

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Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Argonaute-2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Argonaute-2
Theoretical MW (kDa)	Calculated MW: 97 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°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

- Immunocytochemistry

  Immunocytochemistry analysis of Argonaute 2 (green) in HCT116 using human Argonaute-2 recombinant monoclonal antibody, clone R04-5H0 (Cat # RAB01592), and DAPI(blue).

- Immunoprecipitation

- Western Blot

  Western blot analysis of Argonaute 2 in K562, MCF-7, Hela lysates using human Argonaute-2 recombinant monoclonal antibody, clone R04-5H0 (Cat # RAB01592).

Gene Info — EIF2C2

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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
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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