

Recombinant AGO2/Argonaute 2/EIF2C2 Monoclonal Antibody

catalog number: AN300165P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

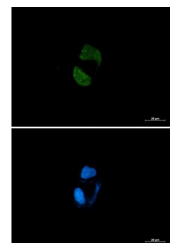
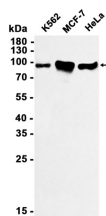
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse AGO2 protein
Host	Rabbit
Isotype	IgG
Clone	A1279
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB: 1:1000; IHC-P: 1:100; ICC/IF: 1:100-1:200; FC: 1:50-1:100; IP: 1:20-1:50

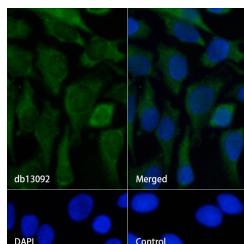
Data



Western blot analysis of extracts from K562, MCF-7, HeLa cells at 1:500. Immunofluorescent analysis of HCT116 cells (green), and DAPI (blue).

Observed-MW:97 kDa

Calculated-MW:97 kDa



Immunofluorescence analysis of HeLa cells labelling Argonaute-2. The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.6

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, Sep 2009]