

**Argonaute 2 monoclonal antibody**

Catalog: MB10566

Host: Rabbit

Reactivity: Human

**BackGround:**

Required for RNA-mediated gene silencing (RNAi) by the RNA-induced silencing complex (RISC). Can also upregulate the translation of specific mRNAs under certain growth conditions. Binds to the AU element of the 3'-UTR of the TNF (TNF-alpha) mRNA and upregulates translation under conditions of serum starvation. Also required for transcriptional gene silencing (TGS), in which short RNAs known as antigene RNAs or agRNAs direct the transcriptional repression of complementary promoter regions.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 97 kDa; Observed MW: 97 kDa

**Swiss-Prot:**

Q9UKV8

**Purification&Purity:**

Affinity Purified

**Applications:**

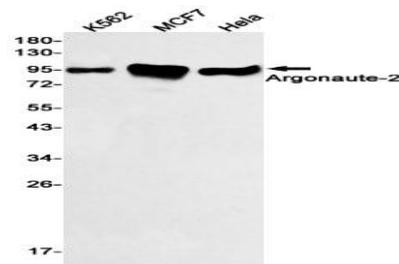
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of Argonaute 2 in HCT116 using Argonaute 2 antibody, and DAPI.

Western blot analysis of Argonaute2 in K562, MCF-7, HeLa lysates using Argonaute2 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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