

Product name:	Argonaute 2 Rabbit Monoclonal Antibody
Cat number:	MABN85304
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human Argonaute-2
Reactivity:	Human
Applications:	WB 1:500-1:1000, ICC 1:50-1:200, IP 1:10-1:20
Molecular Weight:	Calculated MW: 97 kDa; Observed MW: 97 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in TBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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 antisenRNAs or agRNAs direct the transcriptional repression of complementary promoter regions.