



# AGO3 Monoclonal Antibody

Catalog No	BYmab-05582
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	EIF2C3 AGO3
Protein Name	Protein argonaute-3 (Argonaute3) (hAgo3) (Eukaryotic translation initiation factor 2C 3) (eIF-2C 3) (eIF2C 3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	AGO3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	94kD
Cell Pathway	Cytoplasm, P-body .
Tissue Specificity	Placenta,Testis,
Function	function:Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to them. Lacks endonuclease activity and does not appear to cleave target mRNAs.,similarity:Belongs to the argonaute family. Ago subfamily.,similarity:Contains 1 PAZ domain.,similarity:Contains 1 Piwi domain.,subunit:Interacts with EIF4B, IMP8, PRMT5 and TNRC6B.,
Background	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including

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argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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