

EIF2C2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant EIF2C2.****Catalog # AT1874a****Specification**

EIF2C2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IF, E
Primary Accession	O9UKV8
Other Accession	BC007633.1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	97208

EIF2C2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 27161**Other Names**

Protein argonaute-2 {ECO:0000255|HAMAP-Rule:MF_03031}, Argonaute2 {ECO:0000255|HAMAP-Rule:MF_03031}, hAgo2, 3126n2 {ECO:0000255|HAMAP-Rule:MF_03031}, Argonaute RISC catalytic component 2, Eukaryotic translation initiation factor 2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}, eIF-2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}, eIF2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}, PAZ Piwi domain protein, PPD, Protein slicer {ECO:0000255|HAMAP-Rule:MF_03031}, AGO2, EIF2C2

Target/Specificity

EIF2C2 (AAH07633.1, 1 a.a. ~ 377 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

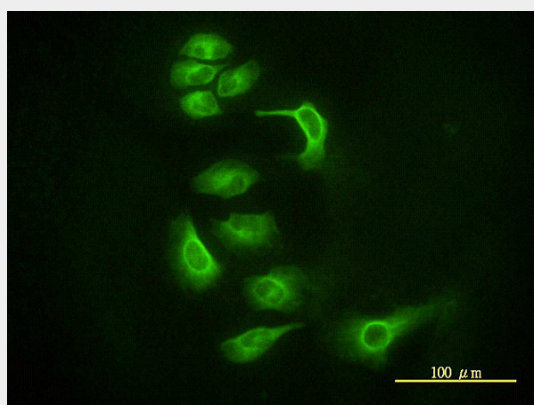
EIF2C2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

EIF2C2 Antibody (monoclonal) (M01) - Protocols

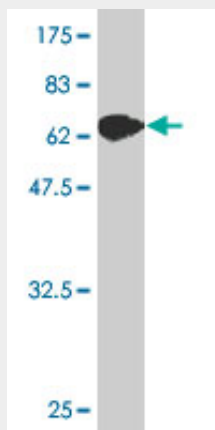
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

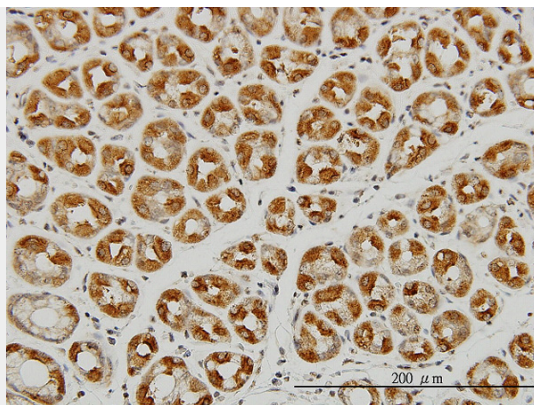
EIF2C2 Antibody (monoclonal) (M01) - Images



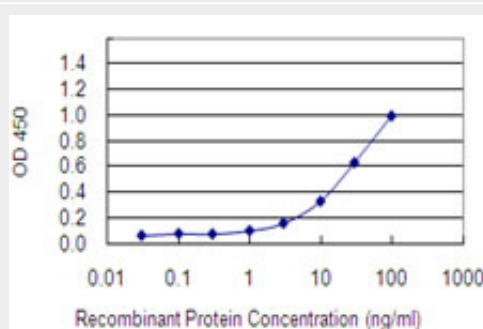
Immunofluorescence of monoclonal antibody to EIF2C2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.03 KDa) .



Immunoperoxidase of monoclonal antibody to EIF2C2 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EIF2C2 is 0.3 ng/ml as a capture antibody.

EIF2C2 Antibody (monoclonal) (M01) - 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, 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.

EIF2C2 Antibody (monoclonal) (M01) - References

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