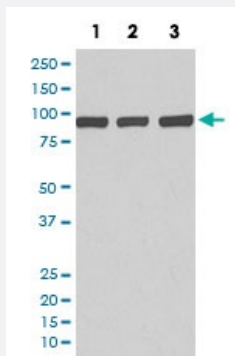


# EIF2C2 monoclonal antibody, clone AODE-1

Catalog # MAB19576      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of (1) HeLa cell lysate; (2) RAW 2647 cell lysate; (3) C6 cell lysate with EIF2C2 monoclonal antibody.

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human EIF2C2.

**Immunogen** A synthetic peptide corresponding to human EIF2C2.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Flow Cytometry (1:50)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) HeLa cell lysate; (2) RAW 2647 cell lysate; (3) C6 cell lysate with EIF2C2 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

## Gene Info — EIF2C2

Entrez GeneID	<a href="#">27161</a>
Protein Accession#	<a href="#">Q9UKV8</a>
Gene Name	EIF2C2
Gene Alias	AGO2, MGC3183, Q10
Gene Description	eukaryotic translation initiation factor 2C, 2
Omim ID	<a href="#">606229</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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]

## Publication Reference

- [SP1/miR-92a-1-5p/SOCS5: A novel regulatory axis in feline panleukopenia virus replication.](#)

Ruiying Liang, Lin Liang, Jingjie Zhao, Weiquan Liu, Shangjin Cui, Xinglin Zhang, Lingling Zhang.

Veterinary Microbiology 2022 Oct; 273:109549.

Application: IP, Feline, F81 cells

## Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Precancerous Conditions](#)