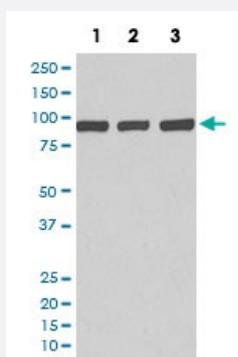


EIF2C2 monoclonal antibody, clone AODE-1

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 [27161](#)

Protein Accession# [Q9UKV8](#)

Gene Name EIF2C2

Gene Alias AGO2, MGC3183, Q10

Gene Description eukaryotic translation initiation factor 2C, 2

Omim ID [606229](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations

argonaute 2

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](#)