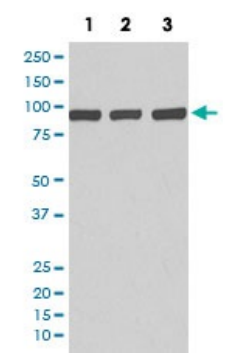
EIF2C2 monoclonal antibody, clone AODE-1

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.

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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 st ored 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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- 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.

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 interfer ence. 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 tran script variants encoding different isoforms have been found for this gene. [provided by RefSeq

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Other Designations	argonaute 2

Publication Reference

- Nuclear AGO2 promotes myocardial remodeling by activating ANKRD1 transcription in failing hearts.

  Rong Xie, Shuai Yuan, Guo Hu, Jiabing Zhan, Kunying Jin, Yuyan Tang, Jiahui Fan, Yanru Zhao, Feng Wang, Chen Chen, Dao Wen Wang, Huaping Li

  Mol Ther 2024 May; 32(5):1578-1594.

  Application: ICC-IF

- 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

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