

ALDOC Antibody (C-term) Mouse Monoclonal Antibody (Mab) Catalog # AW5623

Specification

ALDOC Antibody (C-term) - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW Isotype Antigen Source WB, FC,E <u>P09972</u> Human, Mouse, Rat Mouse Monoclonal H=39;M=39;R=39 KDa IgG3 HUMAN

ALDOC Antibody (C-term) - Additional Information

Gene ID 230

Antigen Region 1-364

Other Names Fructose-bisphosphate aldolase C, Brain-type aldolase, ALDOC, ALDC

Dilution WB~~1:2000 FC~~1:25

Target/Specificity Purified His-tagged ALDOC protein was used to produced this monoclonal antibody.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ALDOC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDOC Antibody (C-term) - Protein Information

Name ALDOC

Synonyms ALDC

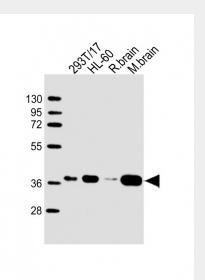


ALDOC Antibody (C-term) - Protocols

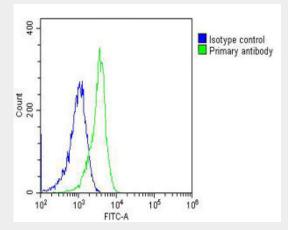
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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ALDOC Antibody (C-term) - Images
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All lanes : Anti-ALDOC Antibody (C-term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: rat brain lysate Lane 4: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing HL-60 cells stained with AW5623(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AW5623, 1:25 dilution) for 60 min at 37°C. The secondary



antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OJ192088) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG3 (1 μ g/1 \times 10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

ALDOC Antibody (C-term) - References

Rottmann W.H., et al. Biochimie 69:137-145(1987). Buono P., et al. Nucleic Acids Res. 16:4733-4733(1988). Buono P., et al. Eur. J. Biochem. 192:805-811(1990). Yu W., et al. Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases. Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.