

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

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**ALDOC Antibody (C-term) - Product Information**

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

**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.

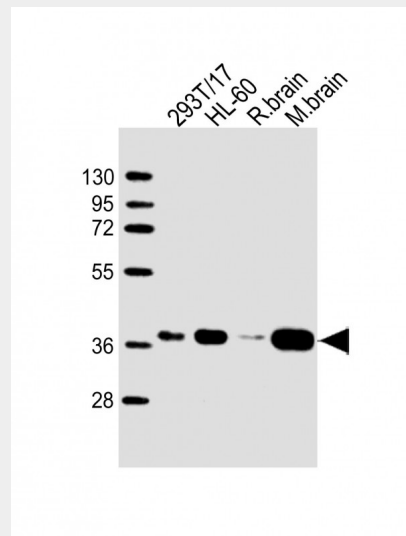
**ALDOC Antibody (C-term) - Protein Information****Name** ALDOC**Synonyms** ALDC

## ALDOC Antibody (C-term) - Protocols

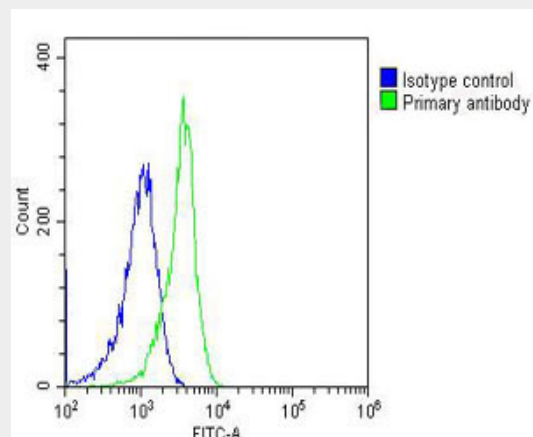
Provided below are standard protocols that you may find useful for product applications.

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

## ALDOC Antibody (C-term) - Images



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  $\mu$ g 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 incubated 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 (1µg/1x10<sup>6</sup> 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.