

**ALDOC Antibody (C-term)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2215B****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>
Isotype	<b>IgG3</b>

**ALDOC Antibody (C-term) - Additional Information****Gene ID** 230**Other Names**

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

**Target/Specificity**

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

**Dilution**

WB~~1:2000

FC~~1:25

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**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**

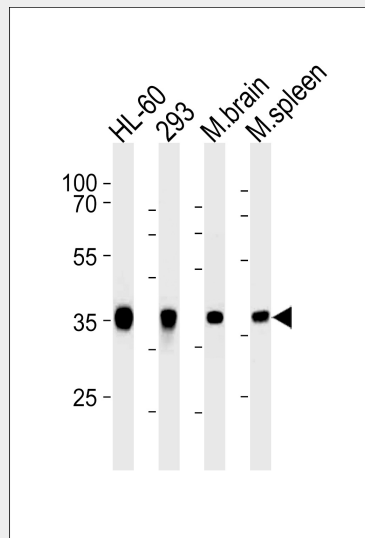
ALDOC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

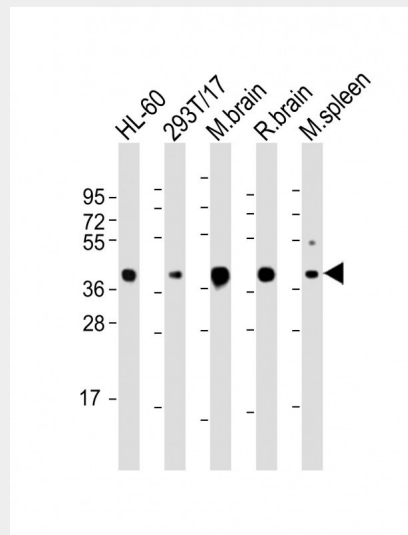
Provided below are standard protocols that you may find useful for product applications.

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

**ALDOC Antibody (C-term) - Images**

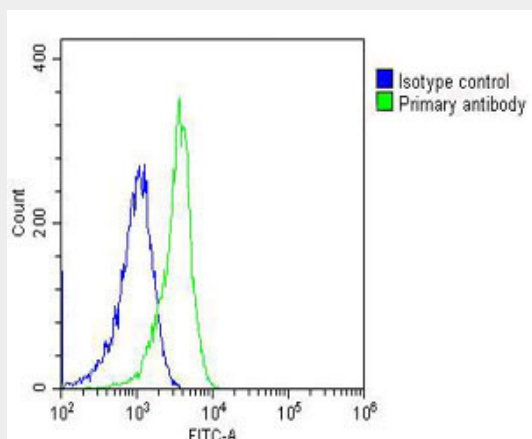


ALDOC Antibody (C-term)(Cat. #AM2215b) western blot analysis in HL-60,293 cell line and mouse brain,spleen lysates (35µg/lane).This demonstrates the ALDOC antibody detected the ALDOC protein (arrow).



All lanes : Anti-ALDOC Antibody (C-term) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: 293T/17 whole cell lysate Lane 3: mouse brain lysate Lane 4: rat brain lysate Lane 5: mouse spleen 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% NFDN/TBST.



Overlay histogram showing HL-60 cells stained with AM2215B (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 (AM2215B, 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 µg/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.
- Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.