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# ALDOC Antibody (C-term)(Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2215a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | P09972 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG3 |
| **Clone Names** | 859CT9.5.3 |
| **Calculated MW** | 39456 |

## Additional Information

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|---|---|
| **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~~1:5000 E~~Use at an assay dependent concentration. |
| **Format** | Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide. |
| **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)(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures. |

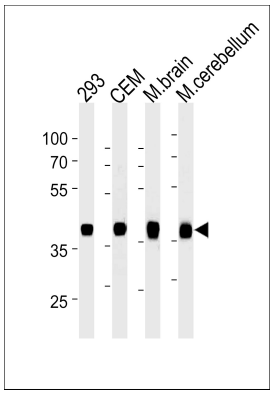
## Protein Information

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|---|---|
| **Name** | ALDOC ( HGNC:418) |
| **Synonyms** | ALDC |
| **Function** | Catalyzes the reversible conversion of beta-D-fructose 1,6- bisphosphate (FBP) into two triose phosphate and plays a key role in glycolysis and gluconeogenesis. |

## 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.

## Images




ALDOC Antibody (C-term)(Cat. #AM2215a) western blot analysis in 293,CEM cell line and mouse brain,cerebellum tissue lysates (35µg/lane).This demonstrates the ALDOC antibody detected the ALDOC protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.