

Datasheet for ABIN1882192

anti-ALDOC antibody**2** Images**3** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	ALDOC
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged ALDOC protein was used to produced this monoclonal antibody.
Clone:	859CT9-5-3
Isotype:	IgG3
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	ALDOC
Alternative Name:	ALDOC (ALDOC Products)
Molecular Weight:	39456
NCBI Accession:	NP_005156
UniProt:	P09972

Application Details

Application Notes: WB: 1:1000. WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

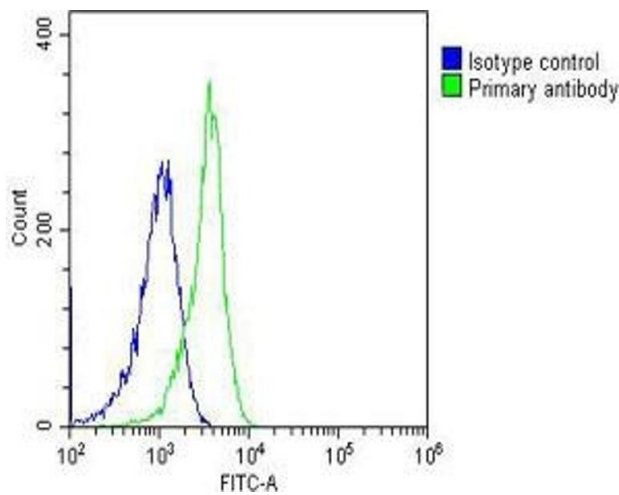
Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

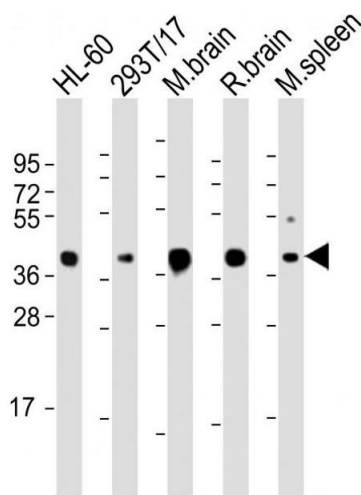
Product cited in: Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: **Journal of cellular and molecular medicine**, Vol. 15, Issue 10, pp. 2106-16, (2011) ([PubMed](#)).

Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: **The Journal of biological chemistry**, Vol. 284, Issue 12, pp. 8174-84, (2009) ([PubMed](#)).



Flow Cytometry

Image 1. Overlay histogram showing HL-60 cells stained with B (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 (B, 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/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. ALDOC Antibody (C-term) (ABIN1882192 and ABIN2843477) western blot analysis in HL-60,293 cell line and mouse brain,spleen lysates (35 µg/lane).This demonstrates the ALDOC antibody detected the ALDOC protein (arrow).