

Anti-SOD1 Antibody (4I717)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4I717
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Immunofluorescence staining of Hela cell with TMAH-01121 at 1:20, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).</p> <p>2. Overlay Peak curve showing Hela cells stained with TMAH-01121 (red line) at 1:50. The cells were fixed in 4% formaldehyde (15min) and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1μg/1*10⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1μg/1*10⁶ cells) used under the same conditions. Acquisition of >10,024 events was performed.</p>
Application:	ELISA, IF, FCM
Recommended	IF:1:20-1:200; FCM:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human SOD1 Protein
Antigen Species:	Human
Gene ID:	6647
Uniprot ID:	P00441
Biology Area:	Cancer, Cell biology, Metabolism, Signal transduction

Research Background

Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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