

Anti-SOD1 Antibody (7K225)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7K225
Purification:	Affinity-chromatography

Applications

1. Western Blot

-Positive WB detected in: 293 whole cell lysate, Hela whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, U87 whole cell lysate

-All lanes: SOD1 antibody at 1:1500

-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution

-Predicted band size: 16 kDa

Verified Activity: -Observed band size: 18 kDa

2. Overlay histogram showing Jurkat cells stained with TMAH-01120 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody ($1\mu\text{g}/1*10^6$ cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4°C. Control antibody (green line) was Rabbit IgG ($1\mu\text{g}/1*10^6$ cells) used under the same conditions. Acquisition of >10,000 events was performed.

Application: ELISA, WB, FCM

Recommended WB:1:500-1:5000; 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: A synthetic peptide: Human SOD1

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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