

Anti-Peroxiredoxin 6 Antibody-FITC (5E148)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	FITC
Clone:	5E148
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human PRDX6 expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), and then stained with FITC Mouse anti-Human PRDX6. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Peroxiredoxin 6 / PRDX6 protein (TMPY-02201)
Antigen Species:	Human
Synonyms:	PRX;HEL-S-128m;aiPLA2;NSGPx;peroxiredoxin 6;p29;1-Cys;AOP2

Research Background

PRDX6, a member of antioxidant protein superfamily, plays an important role in oxidative stress, catabolism of lipids and phospholipid liposomes. Peroxiredoxin 6 (PRDX6) is involved in redox regulation of the cell and is thought to be protective against oxidant injury. Peroxiredoxin 6 (PRDX6) is a bifunctional protein with both glutathione peroxidase (GPx) and iPLA2 activities, which are concomitantly increased with the expression of PRDX6. PRDX6 promoted lung tumor growth in an in vivo allograft model.

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