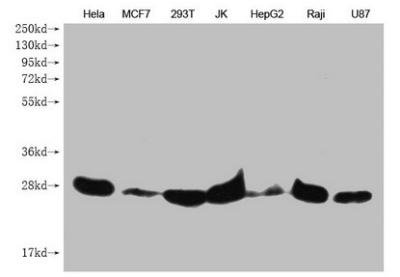
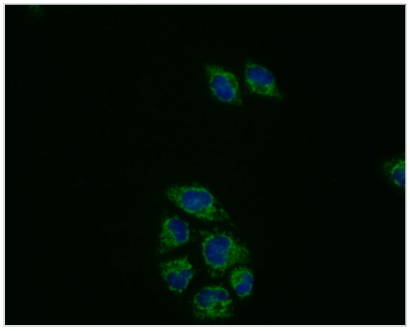
PRDX3 Monoclonal Antibody

Product Code	CSB-MA018656A1m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P30048
Immunogen	Recombinant Human Thioredoxin-dependent peroxide reductase, mitochondrial protein (63-256AA)
Raised In	Mouse
Species Reactivity	Human
Specificity	No significant cross-reactivity or interference was observed
Tested Applications	ELISA, WB, IF, FC; Recommended dilution: WB?1:1000-1:5000, IF:1:50-1:200, FC:1:50-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Gene Names	PRDX3
Clone No.	6E6E12

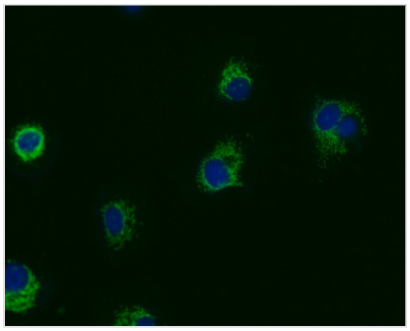
Image



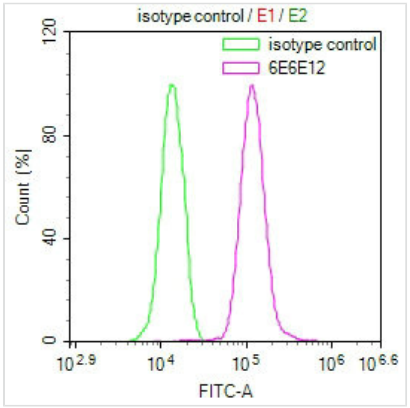
Western Blot
Positive WB detected in: Hela whole cell lysate, MCF7 whole cell lysate, 293T whole cell lysate, JK whole cell lysate, HepG2 whole cell lysate, Raji whole cell lysate, U87 whole cell lysate
All lanes: PRDX3 antibody at 1:1000
Secondary
Goat polyclonal to mouse IgG at 1/50000 dilution
Predicted band size: 28 kDa
Observed band size: 28 KDa
Exposure time?5min



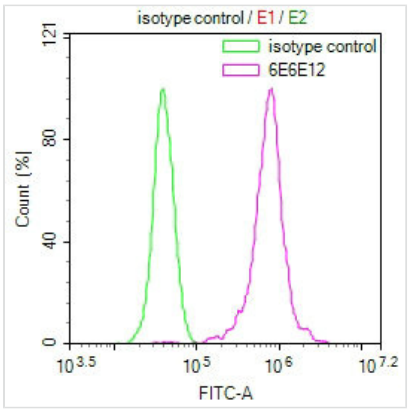
Immunofluorescence staining of Hela cells with?CSB-MA018656A1m?at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Immunofluorescence staining of MCF7 cells with?CSB-MA018656A1m?at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Overlay Peak curve showing Hela cells stained with CSB-MA018656A1m (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*106cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



Overlay Peak curve showing MCF7 cells stained with CSB-MA018656A1m (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*106cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.